



  
**RACINE  
UNIFIED**  
SCHOOL DISTRICT

  
THE ACADEMIES  
OF RACINE

**2023-24**

**High School Course Guide  
and Graduation Planner**

Course Guide Menu

**INTERACTIVE KEY/ NAVIGATION MENU**  
 Navigate to a school/academy page or department page by clicking on a logo or text.

**SCHOOL/ACADEMY HEADINGS**  
 Click any logo or line to view academy or school information.

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**DEPARTMENT HEADINGS**  
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# Navigating our Interactive PDF

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**ACADEMY TITLE**  
 Academies are small learning communities that provide real-world experiences with local businesses and professionals, linking schoolwork and the workplace.

**ACADEMY PATHWAYS**  
 Academies are small learning communities that provide real-world experiences with local businesses and professionals, linking schoolwork and the workplace.

**Academy of Business & Culinary Arts**  
 Preparing emerging leaders to compete, network, and thrive in a global economy.

**Accounting**

The accounting pathway will introduce students to the basics of accounting and tax preparation, preparing students for post-secondary education in the fields of accounting and finance.

**Business**

Students will be introduced to the careers, post-secondary education, and skills needed to start, run, and grow a successful business.

**Marketing**

Students will be introduced and prepared for careers and post-secondary programs in sales, advertising, marketing, management, and retail merchandising.

**Culinary Arts**

Culinary Arts if designed for students interested in pursuing post-secondary education or a career in the food service industry.



**Pathway Courses**

**Accounting**  
 Level 1 - Business Seminar  
 Computers for Professionals  
 Level 2 - Accounting Principles and Software Applications  
 Level 3 - Income Tax Accounting

**Business**  
 Level 1 - Business Seminar  
 Computers for Professionals  
 Level 2 - Entrepreneurship  
 Business Law  
 Level 3 - Accounting Principles and Software Applications

**Marketing**  
 Level 1 - Business Seminar  
 Computers for Professionals  
 Level 2 - Marketing Principles  
 Selling Principles  
 Level 3 - Retailing and Promotional Principles

**Culinary Arts**  
 Level 1 - Culinary Skills  
 Nutrition  
 Level 2 - Pro-Start  
 Level 3 - Advanced Pro-Start

**PATHWAY COURSES**  
 Each pathway has a series of three (3) sequential courses that build a foundation of skills for success.  
 Level 1 is typically taken during sophomore year, Level 2 junior year, and Level 3 senior year.



# Navigating our Interactive PDF

How to Use this Document

## Pathway Planner Academies of Racine Horlick – Business

A pathway planner illustrates a suggested sequence of courses for students.



### GRADUATION REQUIREMENTS

Graduation requirements listed are based on the current academic year as of the date of the version found on the bottom of the course guide.

### ALIGNED ELECTIVES

Courses that are not required for graduation or the pathway, but may enhance or content is related to the chosen pathway.

### GRADE LEVEL

Grade levels marked here are broadly generalized for the district. Individual high schools have more flexibility or specific requirements for which grade levels can take certain courses.

### FEES

Fees are subject to change and may be waived for students who meet the fee-waiver criteria.

### AFFILIATIONS

Programs or post-secondary connections that often indicate dual credit opportunities or other program benefits.

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP Advanced English 9 ELA for Bilingual 1		English 10 Pre-AP Advanced English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
Science (3 Credits)	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		AP Chemistry Ecology   Horticulture		AP Biology	
Math (3 Credits)	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Precalculus AP Statistics Math Studies		AP Calculus AB	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory   American Government AP U.S. Government and Politics		Economics   AP Economics	
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)	Health							
Fine Arts (1 Credit)	Fine Arts (Choice)		Fine Arts (Choice)					
Pathway Credits (3 Credits)	Freshman Seminar		Business Seminar   Computers for Professionals		Entrepreneurship   Business Law		Accounting Principles	
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives			Personal Finance		PLTW Computer Science Essentials AP Seminar		AP Research Youth Apprenticeship	

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
AP 2D Studio Art – Design/Drawing	9	10	11	12	ART-02129	1	\$	A demanding advanced art course designed for the serious art student who has proven competency and interest in art. Provides maximum individualized instruction toward a personal direction of visual problem solving and research information. Students will produce drawings, designs, painting, and prints that culminate in the assembly of a personal portfolio. College credit may be earned. The AP exam is taken for college credit. A bound sketchbook is required. A student lab fee will be charged.	AP	Case	Horlick	Park	REAL	Walden	Virtual
	×	×	✓	✓						×	✓	✓	✓	×	×

RACINE ALTERNATIVE LEARNING (RAL)



THE REAL SCHOOL



WALDEN

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# Academies of Racine - Case



The Academies of Racine at Case High School prepare students for college and the workforce through pathways that provide real-world experiences and connect high school coursework to college and career opportunities after graduation. Students earn college credits and industry certifications. Case also offers rigorous International Baccalaureate courses, fine arts and other electives.

## Academy Offerings



### Business & Culinary Arts

Accounting | Business | Marketing | Culinary Arts



### Computer Science, Education & Technical Services

Computer Science | Construction | Education | Engineering | Fabrication & CNC Machining



### Health Sciences & Leadership

Biomedical Sciences | Health & Protective Services | IB Leadership



### Freshman Academy





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# Academy of Business & Culinary Arts

Preparing emerging leaders to compete, network, and thrive in a global economy.



## Academy Pathways



### Accounting

The accounting pathway will introduce students to the basics of accounting and tax preparation, preparing students for post-secondary education in the fields of accounting and finance.

[CLICK TO VIEW PATHWAY PLANNER](#)



### Business

Students will be introduced to the careers, post-secondary education, and skills needed to start, run, and grow a successful business.

[CLICK TO VIEW PATHWAY PLANNER](#)



### Marketing

Students will be introduced and prepared for careers and post-secondary programs in sales, advertising, marketing, management, and retail merchandising.

[CLICK TO VIEW PATHWAY PLANNER](#)



### Culinary Arts

Culinary Arts if designed for students interested in pursuing post-secondary education or a career in the food service industry.

[CLICK TO VIEW PATHWAY PLANNER](#)

**Pathway Courses**

**Accounting**  
 Level 1 - Business Seminar  
           Computers for Professionals  
 Level 2 - Accounting Principles and Software Applications  
 Level 3 - Income Tax Accounting

**Business**  
 Level 1 - Business Seminar  
           Computers for Professionals  
 Level 2 - Entrepreneurship  
           Business Law  
 Level 3 - Accounting Principles and Software Applications

**Marketing**  
 Level 1 - Business Seminar  
           Computers for Professionals  
 Level 2 - Marketing Principles  
           Selling Principles  
 Level 3 - Retailing and Promotional Principles

**Culinary Arts**  
 Level 1 - Culinary Skills  
           Nutrition  
 Level 2 - Pro-Start  
 Level 3 - Advanced Pro-Start



# Pathway Planner

## Academies of Racine Case – Accounting



*A pathway planner illustrates a suggested sequence of courses for students.*



**RACINE ALTERNATIVE LEARNING (RAL)**



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Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2	
							Literature of Sports Science Fiction Creative Writing	Mystery: Motive, Means, & Opportunity Contemporary Literature
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1		IB Biology 2 IB Physics 2	
					Ecology	Horticulture		
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History 1		IB History 2	
					American Government US Government	Economics Economic Theory	Sociology Sociology Theory	
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		Business Seminar	Computers for Professionals	Accounting Principles and Software Applications		Income Tax Accounting	
Electives (6.5 Credits)			World Language					
Aligned Electives	Keyboarding	Intro to Business	Personal Finance	Employability Skills	Selling Principles	Marketing Principles	Retailing & Promotion Youth Apprenticeship	



# Pathway Planner

## Academies of Racine Case – Business



*A pathway planner illustrates a suggested sequence of courses for students.*

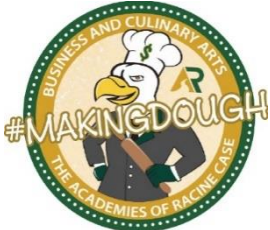
Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2	
							Literature of Sports Science Fiction Creative Writing Mystery: Motive, Means, & Opportunity Contemporary Literature	Shakespeare Writers of the Modern World English Usage/Writing Literature & Media Studies
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1		IB Biology 2 IB Physics 2	
					Ecology	Horticulture		
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History 1		Sociology Sociology Theory	
					American Government US Government	Economics Economic Theory		
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		Business Seminar	Computers for Professionals	Business Law	Entrepreneurship	Accounting Principles	Software Application
Electives (6.5 Credits)			World Language					
Aligned Electives	Keyboarding		Personal Finance	Employability Skills	Selling Principles	Marketing Principles	Income Tax Accounting Retailing and Promotion Youth Apprenticeship	



### DEPARTMENT PAGES

# Pathway Planner

## Academies of Racine Case – Marketing



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2	
							Literature of Sports Science Fiction Creative Writing Mystery: Motive, Means, & Opportunity Contemporary Literature	Shakespeare Writers of the Modern World English Usage/Writing Literature & Media Studies
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1		IB Biology 2 IB Physics 2	
					Ecology	Horticulture		
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
					IB History 1		IB History 2	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		American Government US Government		Economics Economic Theory	Sociology Sociology Theory
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		Business Seminar	Computers for Professionals	Selling Principles	Marketing Principles	Retailing & Promotion	
Electives (6.5 Credits)			World Language					
Aligned Electives	Keyboarding	Intro to Business	Personal Finance	Employability Skills	Business Law	Entrepreneurship	Income Tax Accounting Accounting Principles and Software Applications Youth Apprenticeship	

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# Pathway Planner

## Academies of Racine Case – Culinary Arts



*A pathway planner illustrates a suggested sequence of courses for students.*



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Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2	
							Literature of Sports Science Fiction Creative Writing	Mystery: Motive, Means, & Opportunity Contemporary Literature
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1		IB Biology 2 IB Physics 2	
					Ecology	Horticulture		
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
					IB History 1		IB History 2	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		American Government US Government		Economics Economic Theory	
					Sociology Sociology Theory			
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		Nutrition	Culinary Skills	Pro-Start		Advanced Pro-Start	
Electives (6.5 Credits)			World Language					
Aligned Electives			International Cuisine		Advanced Culinary Skills		Youth Apprenticeship	





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# Academy of Computer Science, Education & Technical Services

## Academy Pathways



### Computer Science

Computer technology affects how we work and live. Students will learn about the opportunities to create and protect information technology systems. Students will be engaged through interdisciplinary coursework and real-world design challenges. Solutions will be designed individually and in teams, focusing on computational thinking and communication skills.

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PATHWAY  
PLANNER



### Construction

Employees in construction literally build our future! These are the people who build and remodel our communities infrastructure. Students successfully completing the pathway can result in the first year of an apprenticeship in carpentry/joinery being waived for those interested in pursuing an apprenticeship in that field.

CLICK TO VIEW  
PATHWAY  
PLANNER



### Education

Students interested in careers at the elementary, middle, or high schools will find many opportunities to help students learn and grow. The Education Pathway will lead students through coursework and activities resulting in experiences in elementary and middle schools and dual credit opportunities will be available through post-secondary institutions

CLICK TO VIEW  
PATHWAY  
PLANNER

- Computer Science**
- Level 1 - Project Lead the Way - Computer Science Essentials
  - Level 2 - Project Lead the Way - Computer Science Principles
  - Level 3 - Project Lead the Way - Cybersecurity
- Construction**
- Level 1 - Introduction to Construction Systems
  - Level 2 - Advanced Construction Systems
  - Level 3 - Residential/Commercial Construction
- Education**
- Level 1 - Foundations of Early Childhood Education & Childhood Development
  - Level 2 - Education & Society Education Physiology & Assessment
  - Level 3 - Take at least 2 of 3 Math for ES/MS Teachers Supporting Diverse Learners Foundations of Urban Ed.





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# Academy of Computer Science, Education & Technical Services



## Academy Pathways



### Engineering

Students will explore engineering through the national Science, Te Engineering, and Mathematics (STEM) curriculum, Project Lead the PLTW curricula will provide students a foundation in engineering design using problem-based projects and hands-on activities. Students will have the opportunity to explore different areas and types of engineering.

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### Fabrication & CNC- Machining

Manufacturing has transformed throughout the years. Many manufacturing facilities require employees to understand and use advanced processes requiring computer programs to control machines. Students in the Fabrication & CNC- Machining pathway will learn how to safely operate and use tools and equipment in manufacturing, including the programming and use of Computer-Numeric-Controlled (CNC) machines.

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**Pathway Courses**

**Engineering**

- Level 1 - Project Lead the Way - Introduction to Engineering Design
- Level 2 - Project Lead the Way - Principles of Engineering
- Level 3 - Project Lead the Way - Engineering Design & Development

**Fabrication & CNC - Machining**

- Level 1 - Introduction to Mechatronics Mechanicals Skills
- Level 2 - Machining for Maintenance Gauging and Quality Control
- Level 3 - CNC Machining Technology





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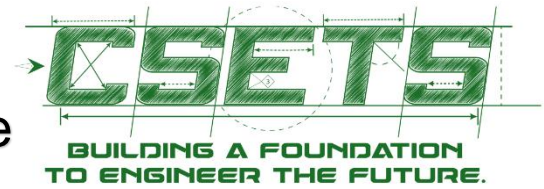
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# Pathway Planner

## Academies of Racine Case – Computer Science



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2	
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1		IB Biology 2 IB Physics 2	
					Ecology	Horticulture		
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History 1		IB History 2	
					American Government US Government	Economics Economic Theory	Sociology Sociology Theory	
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		PLTW Computer Science Essentials		PLTW Computer Science Principles		PLTW Cybersecurity	
Electives (6.5 Credits)								
Aligned Electives							Youth Apprenticeship	





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# Pathway Planner

## Academies of Racine Case – Construction



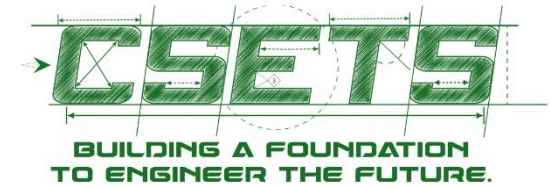
*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2	
							Literature of Sports Science Fiction Creative Writing English Writing and Usage	Mystery: Motive, Means, & Opportunity Contemporary Literature Literature and Media Studies
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1		IB Biology 2 IB Physics 2	
					Ecology	Horticulture		
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History 1		IB History 2	
					American Government US Government	Economics Economic Theory	Sociology Sociology Theory	
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		Intro to Construction Systems		Advanced Construction Systems		Residential/Commercial Construction	
Electives (6.5 Credits)								
Aligned Electives					Introduction to Welding		Youth Apprenticeship	



# Pathway Planner

## Academies of Racine Case – Education



*A pathway planner illustrates a suggested sequence of courses for students.*



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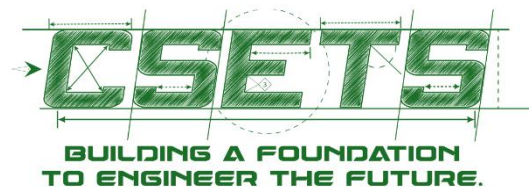
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Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2	
							Literature of Sports Science Fiction Creative Writing English Writing and Usage	Mystery: Motive, Means, & Opportunity Contemporary Literature Literature and Media Studies
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1		IB Biology 2 IB Physics 2	
					Ecology	Horticulture		
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
					IB History 1		IB History 2	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		American Government US Government		Economics Economic Theory	
					Sociology Sociology Theory			
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		Foundations of Early Childhood Education & Childhood Development		Foundations of Education	Educational Psychology and Assessment	<b>Take at least 2 of 3 Level 3 Courses</b> Math for ES/MS Teachers Supporting Diverse Learners Foundations in Urban Education	
Electives (6.5 Credits)								
Aligned Electives					Health Safety & Nutrition	Assistant Childcare Teacher	Youth Apprenticeship	



# Pathway Planner

## Academies of Racine Case – Engineering



A pathway planner illustrates a suggested sequence of courses for students.

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2  Literature of Sports Science Fiction Creative Writing English Writing and Usage	
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1  Ecology		IB Biology 2 IB Physics 2  Horticulture	
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History 1 American Government US Government		IB History 2 Economics Economic Theory Sociology Sociology Theory	
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	MYP Physical Education 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		MYP Health Ed						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		PLTW Intro to Engineering Design		PLTW Principles of Engineering		PLTW Engineering Design & Development	
Electives (6.5 Credits)								
Aligned Electives							Youth Apprenticeship	

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# Pathway Planner

## Academies of Racine Case – Fabrication & CNC Machining



A pathway planner illustrates a suggested sequence of courses for students.

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2  Literature of Sports Science Fiction Creative Writing English Writing and Usage	
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1  Ecology		IB Biology 2 IB Physics 2  Horticulture	
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History 1  American Government US Government		IB History 2  Economics Economic Theory Sociology Sociology Theory	
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		Intro to Mechatronics	Mechanical Skills	Machining for Maintenance	Gauging and Quality Control	CNC Machining Technology	
Electives (6.5 Credits)								
Aligned Electives			PLTW Computer Science Essentials		Introduction to Welding		Youth Apprenticeship	

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# Academy of Health Sciences & Leadership

"Inspiring positivity, investigation, compassion, creativity, and knowledge."



## Academy Pathways



### Biomedical Sciences

Working with the same equipment and tools used in the field, biomedical science students will explore and find solutions to today's most pressing medical challenges. Students will step into the roles of industry professionals and investigate topics including human medicine, physiology, genetics, microbiology, and public health.

CLICK TO VIEW PATHWAY PLANNER



### Health & Protective Services

Health & Protective Service occupations are expected to grow rapidly. Students in this pathway will be exposed to numerous careers and post-secondary options relating to occupation in the health & protective service sector. With an emphasis option in level three. Nurses, Pharmacy Technicians, Medical and Dental Assistants, EMT, Fire Fighters, Law Enforcement Officers Physical Therapists, Surgical Technologists, and others will be explored.

CLICK TO VIEW PATHWAY PLANNER



### IB Leadership

The IB Leadership Pathway aims to prepare students at the Academies of Racine-Case to excel in higher education, community leadership, and to pursue post-college career opportunities by utilizing their specialized educational backgrounds. All IB Leadership Pathway students must pursue the IB Full Diploma.

CLICK TO VIEW PATHWAY PLANNER

**Pathway Courses**

**Biomedical Sciences**  
 Level 1 - Project Lead the Way - Principles of Biomedical Systems  
 Level 2 - Project Lead the Way - Medical Interventions  
 Level 3 - Project Lead the Way - Biomedical Innovations

**Health & Protective Services**  
 Level 1 - Foundations of Health Services  
 Level 2 - Medical Assistant  
 Level 3 - Health Services Occupations or EMT/EMR 1 & 2 or Fire Principles 1 & 2

**IB Leadership**  
 Level 1 - MYP Design  
 Level 2 - Theory of Knowledge/DP Core I  
 Level 3 - Theory of Knowledge/DP Core II




# Pathway Planner

## Academies of Racine Case – Biomedical Sciences



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2	
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1		IB Biology 2 IB Physics 2	
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History 1 American Government US Government	Economics Economic Theory	IB History 2 Sociology Sociology Theory	
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		PLTW Principles of Biomedical Systems		PLTW Medical Interventions		PLTW Biomedical Innovations	
Electives (6.5 Credits)								
Aligned Electives			PLTW: Human Body Systems		Health Science Youth Apprenticeship		Health Science Youth Apprenticeship	

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# Pathway Planner

## Academies of Racine Case – Health & Protective Services



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		English 11 Advanced English 11 IB Literature II ELA for Bilingual 2		English 12 IB Literature II ELA for Bilingual 2  Literature of Sports Science Fiction Creative Writing English Writing and Usage	
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		Chemistry in the Community Physics IB Chemistry IB Biology 1 IB Physics 1  Ecology		IB Biology 2 IB Physics 2  Horticulture	
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Math IB Mathematics: Analysis & Approaches SL1 IB Mathematics: Analysis & Approaches HL1		IB Mathematics: Analysis & Approaches SL2 IB Mathematics: Analysis & Approaches HL2 IB Mathematics: Applications and Interpretation SL	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History 1 American Government US Government		IB History 2 Economics Economic Theory Sociology Sociology Theory	
World Language (Elective Credits)	IB MYP Spanish 1 or 2 IB MYP French 1 or 2 IB MYP German 1 or 2		IB MYP Spanish 2 or 3 IB MYP French 2 or 3 IB MYP German 2 or 3					
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		Foundations of Health Services		Medical Assistant		Health Services Occupations Criminal Justice Criminal Law	
Electives (6.5 Credits)								
Aligned Electives			Nutrition	Childhood Development	Health Science Youth Apprenticeship		Health Science Youth Apprenticeship EMT/EMR 1 Fire Principles 1 EMT/EMR 2 Fire Principles 2	

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# Pathway Planner

Academies of Racine Case – IB Leadership



A pathway planner illustrates a suggested sequence of courses for students.



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Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	MYP English 9 MYP Literature 9		IB MYP English 10 IB MYP Literature 10 ELA for Bilingual 1		IB Literature I*		IB Literature II*	
Science (3 Credits)	MYP Biology		IB MYP Chemistry IB MYP Earth Science		IB Chemistry and/or IB Physics I and/or IB Biology I*		IB Chemistry and/or IB Physics II and/or IB Biology II*	
Math (3 Credits)	MYP Algebra Standard MYP Algebra Extended MYP Geometry Extended		IB MYP Geometry Standard IB MYP Algebra 2/Trig		IB Math A&A SL I* or IB Math A&A HL I*		IB Math A&A SL* or IB Math A&A SL II* or IB Math A&A HL II*	
Social Studies (3.5 Credits)	IB MYP 9 <sup>th</sup> Grade History		IB MYP World History Survey IB MYP Ancient to Early Modern World History		IB History I and/or IB Psychology*		IB History II and/or IB Psychology*	
World Language (Elective Credits)	IB MYP Spanish 1* or 2* IB MYP French 1* or 2* IB MYP German 1* or 2*		IB MYP Spanish 2* or 3* IB MYP French 2* or 3* IB MYP German 2* or 3*		Third-Year Spanish* or Fourth-Year Spanish* or Third-Year French* or Fourth-Year French* or Third-Year German* or Fourth-Year German*		Fourth-Year Spanish* or IB/Fifth-Year Spanish* or Fourth-Year French* or IB/Fifth-Year French* or Fourth-Year German* or IB/Fifth-Year German*	
Phy Ed (1.5 Credits)	IB MYP 9 Fitness for Life		IB MYP 10 Lifetime Fitness		Phy Ed Elective			
Health (.5 Credits)		IB MYP Health Ed.						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	IB MYP Freshman Seminar		MYP Design		Theory of Knowledge/ DP Core I		Theory of Knowledge/DP Core II	
Electives (6.5 Credits)								
Aligned Electives					IB Music I IB Art I		IB Music II IB Art II	

\*Required for the IB Pathway and IB Full Diploma\*





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# Academies of Racine - Horlick

The Academies of Racine at Horlick High School prepare students for college and the workforce through pathways that provide real-world experiences and connect high school coursework to college and career opportunities after graduation. Students earn college credits and industry certifications. Horlick also offers rigorous Advanced Placement courses, fine arts and other electives.

## Academy Offerings



### Business & Culinary Arts

CLICK FOR ACADEMY INFO →

Accounting | Business | Marketing | Culinary Arts



### Education & Technical Services

CLICK FOR ACADEMY INFO →

Construction | Engineering | Manufacturing & Industrial Maintenance  
Information Technology: Network Support | Education



### Health, Protective Services & Aviation

CLICK FOR ACADEMY INFO →

Biomedical Sciences | Health & Protective Services | Aviation



### Freshman Academy



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# Academy of Business & Culinary Arts

"Writing my future today."

## Academy Pathways



### Business

Students will be introduced to the careers, post-secondary education, and skills needed to start, run, and grow a successful business.

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### Accounting

The accounting pathway will introduce students to the basics of accounting and tax preparation, preparing students for post-secondary education in the fields of accounting and finance.

CLICK TO VIEW PATHWAY PLANNER



### Marketing

Students will be introduced to and prepared for careers and post-secondary programs in sales, advertising, marketing, management, and retail merchandising.

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### Culinary Arts

Culinary Arts is designed for students interested in pursuing post-secondary education or a career in the food service industry.

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THE ACADEMIES OF RACINE  
HORLICK

**Pathway Courses**

**Business**  
 Level 1 - Business Seminar  
 Computers for Professionals  
 Level 2 - Entrepreneurship  
 Business Law  
 Level 3 - Accounting Principles and Software Applications

**Accounting**  
 Level 1 - Business Seminar  
 Computers for Professionals  
 Level 2 - Accounting Principles and Software Applications  
 Level 3 - Income Tax Accounting

**Marketing**  
 Level 1 - Business Seminar  
 Computers for Professionals  
 Level 2 - Marketing Principles  
 Selling Principles  
 Level 3 - Retailing and Promotional Principles

**Culinary Arts**  
 Level 1 - Culinary Skills  
 Nutrition  
 Level 2 - Pro-Start  
 Level 3 - Advanced Pro-Start





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# Pathway Planner

## Academies of Racine Horlick – Business

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
							Creative Writing Mystery, Motive, & Opportunity Literature of Sports	Literature and Media Studies Science Fiction English Usage and Writing Shakespeare
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		AP Chemistry		AP Biology	
					Ecology	Horticulture		
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
					Recent U.S. History AP U.S. History		World History AP World History	
<b>Social Studies (3.5 Credits)</b>					AP U.S. Government and Politics			
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Business Seminar	Computers for Professionals	Entrepreneurship	Business Law	Accounting Principles	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			Personal Finance		PLTW Computer Science Essentials AP Seminar		AP Research Youth Apprenticeship	





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# Pathway Planner

## Academies of Racine Horlick – Accounting

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
							Creative Writing Mystery: Motive, Means, & Opportunity Literature of Sports	Literature and Media Studies Science Fiction English Usage and Writing Shakespeare
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		Physics AP Chemistry		AP Biology AP Physics	
					Ecology	Horticulture		
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory	American Government AP U.S. Government and Politics	Economics	AP Economics
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Business Seminar	Computers for Professionals	Accounting Principles and Software		Income Tax Accounting	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			Personal Finance		Business Law AP Seminar		AP Research	







# Pathway Planner

## Academies of Racine Horlick – Marketing

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
							Creative Writing Mystery: Motive, Means, & Opportunity Literature of Sports	Literature and Media Studies Science Fiction English Usage and Writing Shakespeare
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		Physics AP Chemistry		AP Biology	
					Ecology	Horticulture		
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig Applied Technical Math		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory	American Government	Economics	AP Economics
					AP U.S. Government and Politics			
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Business Seminar	Computers for Professionals	Marketing Principles	Selling Principles	Retailing and Promotional Principles	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			Personal Finance		AP Seminar		AP Research Youth Apprenticeship	
					Business Law	Entrepreneurship		



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# Pathway Planner

## Academies of Racine Horlick – Culinary Arts

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		AP Chemistry Ecology      Horticulture		AP Biology	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig Applied Technical Math		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory      American Government AP U.S. Government and Politics		Economics      AP Economics	
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>	Health							
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)		Fine Arts (Choice)					
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Nutrition      Culinary Skills		Pro Start		Advanced Pro Start	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>					Horticulture		Youth Apprenticeship	





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# Academy of Education & Technical Services



"Education and Technical Services drives students to design and develop pathways to their future."

## Academy Pathways



### Construction

Employees in construction literally build our future! These are the people who build and remodel the communities' infrastructure. Students successfully completing the pathway may have their first year of an apprenticeship in carpentry/joinery waived for those interested in pursuing an apprenticeship in that field.

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### Engineering

Students will explore engineering through the national Science, Technology, Engineering, and Mathematics (STEM) curriculum, Project Lead the Way (PLTW). PLTW curricula will provide students with a foundation in engineering design using problem-based projects and hands-on activities. Students will have the opportunity to explore different areas and types of engineering.

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### Manufacturing & Industrial Maintenance

Students will be introduced and prepared for careers and post-secondary programs in Mechatronics, manufacturing processes and how they are maintained.

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#### Pathway Courses

- Construction**
  - Level 1 - Introduction to Construction Systems
  - Level 2 - Advanced Construction Systems
  - Level 3 - Residential/Commercial Construction
- Engineering**
  - Level 1 - Project Lead the Way - Introduction to Engineering Design
  - Level 2 - Project Lead the Way - Principles of Engineering
  - Level 3 - Project Lead the Way - Engineering Design & Development
- Manufacturing**
  - Level 1 - Into to Robotics Maintenance
  - Level 2 - Introduction to Mechatronics & Gauging and Quality Control
  - Level 3 - Coming Fall 2024





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# Academy of Education & Technical Services



"Education and Technical Services drives students to design and develop pathways to their future."

## Academy Pathways



### Information Technology: Network Support



Students in the Networking Support pathway will explore the importance of communication between people and computer technology. The way computers interact with hardware, software and each other, as well as troubleshooting problems will be explored.



### Education



Students interested in careers at the elementary, middle, or high schools will find many opportunities to help students learn and grow. The Education Pathway will lead students through coursework and activities resulting in experiences in elementary and middle schools and dual credit opportunities will be available through post-secondary institutions.

#### Pathway Courses

##### Information Technology: Network Support

- Level 1 - PLTW Computer Science Essentials
- Level 2 - Comp TIA IT Fundamentals
- Level 3 - Introduction to Networking & Web Development, Systems Software Support

##### Education

- Level 1 - Foundations of Early Childhood Education & Childhood Development
- Level 2 - Education & Society Education Psychology & Assessment
- Level 3 - Take at least 2 of 3 Math for ES/MS Teachers Supporting Diverse Learners Foundations of Urban Ed.





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# Pathway Planner

## Academies of Racine Horlick – Construction

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		Physics Horticulture      Ecology		AP Physics	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig Applied Technical Math		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory      American Government AP U.S. Government and Politics		Economics      AP Economics	
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Intro to Construction Systems		Advanced Construction Systems		Residential and Commercial Construction	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>	Wood Fabrication		Electronic Systems Cabinetry		Building/Home Maintenance		Youth Apprenticeship	





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# Pathway Planner

## Academies of Racine Horlick – Engineering

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		Physics		AP Physics	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig Applied Technical Math		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory	American Government	Economics	AP Economics
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		PLTW Intro to Engineering Design		PLTW Principles of Engineering		PLTW Engineering Development and Design	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			PLTW Principles of Biomedical Sciences		PLTW Computer Science Essentials AP Seminar		Electronic Systems AP Research Youth Apprenticeship	





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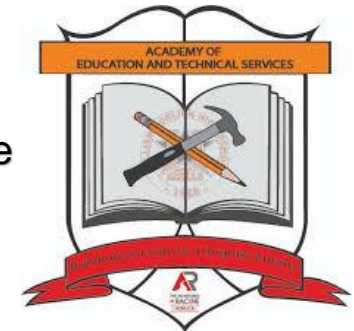
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# Pathway Planner

## Academies of Racine Horlick – Manufacturing & Industrial Maintenance

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		Physics Ecology   Horticulture		AP Physics	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig Applied Technical Math		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory   American Government AP U.S. Government and Politics		Economics	AP Economics
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Intro to Robotics and Maintenance		Introduction to Mechatronics	Gauging and Quality Control	TBD: Coming Fall 2024	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			Wood Fabrication		Electronic Systems		Youth Apprenticeship	





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# Pathway Planner

## Academies of Racine Horlick – Network Support

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		Physics Ecology      Horticulture		AP Physics	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig Applied Technical Math		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory      American Government AP U.S. Government and Politics		Economics      AP Economics	
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>	Health							
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		PLTW: Computer Science Essentials		Comp TIA IT Fundamentals		IT Essentials	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			PLTW Computer Science Essentials		PLTW Intro to Engineering AP Seminar		AP Research Youth Apprenticeship	







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# Pathway Planner

## Academies of Racine Horlick – Education

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community Earth and Space Science		AP Biology		Physics	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig Applied Technical Math		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory	American Government	Economics	AP Economics
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Foundations of Early Childhood Education & Childhood Development		Foundations of Education	Educational Psychology and Assessment	<b>Take at least 2 of 3 Level 3 Courses</b> Math for ES/MS Teachers Supporting Diverse Learners Foundations in Urban Education	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			Psychology		AP Psychology AP Seminar		AP Research Youth Apprenticeship	
					Health Safety & Nutrition	Assistant ChildcareTeacher		





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# Academy of Health Sciences & Aviation

"To prepare all students to become creative, curious, and caring contributors in our global community."



## Academy Pathways



### Biomedical Sciences

Working with the same equipment and tools used in the field, biomedical science students will explore and find solutions to today's most pressing medical challenges. Students will step into the roles of industry professionals and investigate topics including human medicine, physiology, genetics, microbiology, and public health.

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### Health & Protective Services

Health & Protective Service occupations are expected to grow rapidly. Students in this pathway will be exposed to numerous careers and post-secondary options relating to occupation in the health & protective service sector. With an emphasis option in level three. Nurses, Pharmacy Technicians, Medical and Dental Assistants, EMT, Fire Fighters, Law Enforcement Officers Physical Therapists, Surgical Technologists, and others will be explored.

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### Aviation

Students are exposed to careers related to flight and at airports. Coursework is practical and theoretical as students explore flight and the systems used to transport people, goods, and commerce safely through the air. Students will work in a classroom and lab setting,

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**Pathway Courses**

**Biomedical Sciences**  
 Level 1 - Project Lead the Way - Principles of Biomedical Systems  
 Level 2 - Project Lead the Way - Medical Interventions  
 Level 3 - Project Lead the Way - Biomedical Innovations

**Health & Protective Services**  
 Level 1 - Foundations of Health Services  
 Level 2 - Medical Assistant  
 Level 3 - Health Services Occupations or EMT/EMR 1 & 2 or Fire Principles 1 & 2

**Aviation**  
 Level 1 - General Aviation  
 Level 2 - Airframe  
 Level 3 - Propulsion





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# Pathway Planner

## Academies of Racine Horlick – Biomedical Sciences



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry		AP Chemistry		AP Biology	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory	American Government	Economics	AP Economics
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		PLTW Principles of Biomedical Sciences		PLTW Medical Interventions		PLTW Biomedical Innovations	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			PLTW Human Body Systems		AP Seminar		AP Research Youth Apprenticeship	
<b>Aligned Electives</b>					Spanish for Medical Interpreters	Criminology	Psychology	





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# Pathway Planner

## Academies of Racine Horlick – Health & Protective Services

*A pathway planner illustrates a suggested sequence of courses for students.*



Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry		AP Chemistry		AP Biology	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory	American Government	Economics	AP Economics
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Foundations of Health Services		Medical Assistant		Health Services Occupations	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			PLTW Human Body Systems		AP Seminar		AP Research Youth Apprenticeship	
<b>Aligned Electives</b>					Spanish for Medical Interpreters	Criminology	Psychology EMT/EMR 1 Fire Principles 1	EMT/EMR 2 Fire Principles 2





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# Pathway Planner

## Academies of Racine Horlick – Aviation



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP English Language and Composition ELA for Bilingual 2		English 12 AP English Literature and Composition ELA for Bilingual 2	
							Creative Writing Mystery: Motive, Means, & Opportunity Literature of Sports	Literature and Media Studies Science Fiction English Usage and Writing Shakespeare
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community		Physics Horticulture      Ecology		AP Physics	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig Applied Technical Math		Algebra 2 Algebra 2/Trig Statistics AP Precalculus AP Statistics Math Studies		AP Calculus AB	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History		Sociology Sociology Theory	American Government	Economics	AP Economics
					AP U.S. Government and Politics			
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		General Aviation		Airframe		Propulsion	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>			Electronic Systems		PLTW Intro to Engineering Design		Youth Apprenticeship	





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# Academies of Racine - Park

The Academies of Racine at Park High School prepare students for college and the workforce through pathways that provide real-world experiences and connect high school coursework to college and career opportunities after graduation. Students earn college credits and industry certifications. Park also offers rigorous Advanced Placement courses and a JROTC program that boasts more than 100 cadets.

## Academy Offerings



### Health & Public Service

[CLICK FOR ACADEMY INFO](#) ➔

Health & Protective Services | Education | Culinary Arts | JROTC



### Business & Technical Service

[CLICK FOR ACADEMY INFO](#) ➔

Business | Marketing | Automotive | Construction | Robotics & Mechatronics



### Freshman Academy





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# Academy of Health and Public Service

"Building the Future"

## Academy Pathways



### Culinary Arts

CLICK TO VIEW PATHWAY PLANNER

Culinary Arts is designed for students interested in pursuing post-secondary education or a career in the food service industry.



### Health & Protective Services

CLICK TO VIEW PATHWAY PLANNER

Health & Protective Service occupations are expected to grow rapidly. Students in this pathway will be exposed to numerous careers and post-secondary options relating to occupation in the health & protective service sector. With an emphasis option in level three. Nurses, Pharmacy Technicians, Medical and Dental Assistants, EMT, Fire Fighters, Law Enforcement Officers Physical Therapists, Surgical Technologists, and others will be explored.

#### Pathway Courses

- Culinary Arts**
  - Level 1 - Culinary Skills Nutrition
  - Level 2 - Pro-Start
  - Level 3 - Advanced Pro-Start
- Health & Protective Services**
  - Level 1 - Foundations of Health Services
  - Level 2 - Medical Assistant
  - Level 3 - Health Services Occupations or EMT/EMR 1 & 2 or Fire Principles 1 & 2





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# Academy of Health and Public Service

"Building the Future"

## Academy Pathways



### JROTC

CLICK TO VIEW PATHWAY PLANNER

The Military Science (JROTC) program prepares students for leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. The mission of JROTC is to motivate young people to be better citizens.



### Education

CLICK TO VIEW PATHWAY PLANNER

Students interested in careers at the elementary, middle, or high schools will find many opportunities to help students learn and grow. The Education Pathway will lead students through coursework and activities resulting in experiences in elementary and middle schools and dual credit opportunities will be available through post-secondary institutions

#### Pathway Courses

##### JROTC

- Level 1 - JROTC I
- Level 2 - JROTC II
- Level 3 - JROTC III

##### Education

- Level 1 - Foundations of Early Childhood Education & Child Development
- Level 2 - Foundations of Education & Educational Psychology and Assessment
- Level 3 - Take at least 2 of 3
  - Math for ES/MS Teachers
  - Supporting Diverse Learners
  - Foundations of Early Ed.





# Pathway Planner

## Academies of Racine Park – Culinary Arts

*A pathway planner illustrates a suggested sequence of courses for students.*



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Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
<b>Science (3 Credits)</b>	Biology CP Biology		Chemistry Chemistry in the Community		Ecology	Horticulture	Earth and Space Science	
<b>Math (3 Credits)</b>	Algebra 1 CP Geometry		Geometry Concepts CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics Applied Technical Mathematics		Math Studies	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics			
					American Government	Sociology Sociology Theory	Economics AP Microeconomics	
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)						
<b>Pathway Credits (3 Credits)</b>	Freshman Seminar		Culinary Skills	Nutrition	Pro-Start		Advanced Pro-Start	
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>							Youth Apprenticeship	





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# Pathway Planner

## Academies of Racine Park – Health & Protective Services

*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
Science (3 Credits)	Biology CP Biology		Chemistry		AP Biology Physics General Chemistry I		AP Physics II	
Math (3 Credits)	Algebra 1 CP Geometry		Geometry Concepts CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig AP Precalculus		Math Studies AP Calculus AB Statistics AP Statistics	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics			
					American Government	Sociology Theory Sociology	Economics AP Microeconomics	
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		Foundations of Health Services		Medical Assistant		Health Services Occupations	
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives			PLTW Principles of Biomedical Science PLTW Human Body Systems Psychology		PLTW Medical Intervention AP Psychology Criminology CNA Apprenticeship AP Seminar		PLTW Biomedical Innovations AP Research Youth Apprenticeship	
							EMT/EMR 1 Fire Principles 1	EMT/EMR 2 Fire Principles 2





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# Pathway Planner

## Academies of Racine Park – JROTC

*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
Science (3 Credits)	Biology CP Biology		Chemistry in the Community Chemistry		Physics General Chemistry I		Earth and Space Science AP Physics I AP Physics II	
			Ecology	Horticulture				
Math (3 Credits)	Algebra 1 CP Geometry		Geometry Concepts CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig AP Precalculus Applied Technical Mathematics		Math Studies AP Calculus AB AP Statistics	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics			
					American Government	Sociology Sociology Theory	Economics	
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		JROTC I		JROTC II		JROTC III JROTC IV	
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives					American Military History		Youth Apprenticeship	



# Pathway Planner

## Academies of Racine Park – Education

*A pathway planner illustrates a suggested sequence of courses for students.*



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Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
Science (3 Credits)	Biology CP Biology		Chemistry		AP Biology Physics General Chemistry I		AP Physics II Earth and Space Science	
Math (3 Credits)	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig AP Precalculus		Math Studies Applied Technical Mathematics AP Calculus AB AP Statistics	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics			
					American Government	Sociology Theory Sociology	Economics AP Microeconomics	
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		Foundations of Early Childhood Education & Childhood Development		Foundations of Education	Educational Psychology and Assessment	<b>Take at least 2 of 3 Level 3 Courses</b> Math for ES/MS Teachers Supporting Diverse Learners Foundations in Urban Education	
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives			Psychology		AP Psychology AP Seminar		AP Research Educational Assistant Apprenticeship	
					Health Safety & Nutrition	Assistant Childcare Teacher		





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# Academy of Business & Technical Service

"We offer students a jumpstart to their dreams through career-oriented courses that promote and support academic excellence by providing community partnerships in a diverse global marketplace."

## Academy Pathways



### Business

Students will be introduced to the careers, post-secondary education, and skills needed to start, run, and grow a successful business.

CLICK TO VIEW PATHWAY PLANNER



### Marketing

Students will be introduced and prepared for careers and post-secondary programs in sales, advertising, marketing, management, and retail merchandising.

CLICK TO VIEW PATHWAY PLANNER



### Automotive

Students are introduced and prepared to pursue careers and post-secondary education programs in automotive service technology fields including technicians, parts managers, and service representatives. Successful students can earn up to 13 college credits and 17 high-demand automotive industry credentials. The automotive program at Park High school is a nationally accredited program through the automotive service excellence(ASE) National Automotive Technicians Education Foundation (NATEF).

CLICK TO VIEW PATHWAY PLANNER

**Pathway Courses**

**Business**  
 Level 1 - Business Seminar  
           Computers for Professionals  
 Level 2 - Entrepreneurship  
           Business Law  
 Level 3 - Accounting Principles and  
           Software Applications

**Marketing**  
 Level 1 - Business Seminar  
           Computers for Professionals  
 Level 2 - Marketing Principles  
           Selling Principles  
 Level 3 - Retailing and Promotional  
           Principles

**Automotive**  
 Level 1 - Power Systems  
 Level 2 - Transportation Systems  
 Level 3 - Automotive Technician 1





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# Academy of Business & Technical Service

"We offer students a jumpstart to their dreams through career-oriented courses that promote and support academic excellence by providing community partnerships in a diverse global marketplace."

## Academy Pathways



### Robotics & Mechatronics

CLICK TO VIEW PATHWAY PLANNER

The fourth industrial revolution, Industry 4.0, requires future leaders and workers to apply their critical thinking and problem solving skills to an automated manufacturing world. As industrial equipment continues to be electronically monitored, controlled, interconnected and networked, equipment will create massive amounts of data to be analyzed to improve processes. Industry 4.0 creates exciting opportunities for students to explore and prepare for careers and post-secondary programs such as advanced manufacturing, industrial design, information technology, robotics, industrial maintenance, and machining.



### Construction

CLICK TO VIEW PATHWAY PLANNER

Employees in construction literally build our future! These are the people who build and remodel our communities infrastructure. waived for those interested in pursuing an apprenticeship in that field

**Pathway Courses**

**Robotics & Mechatronics**  
 Level 1 - Robotics & Mechatronics Seminar  
 Level 2 - Automated Manufacturing Concepts & Programming  
 Level 3 - Industry 4.0

**Construction**  
 Level 1 - Introduction to Construction Systems  
 Level 2 - Advanced Construction Systems  
 Level 3 - Residential/Commercial Construction





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# Pathway Planner

## Academies of Racine Park – Business

*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
Science (3 Credits)	Biology CP Biology		Chemistry Chemistry in the Community		Physics Earth and Space Science General Chemistry I		AP Physics II AP Biology	
			Ecology	Horticulture				
Math (3 Credits)	Algebra 1 CP Geometry		Geometry Concepts CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics AP Precalculus		Math Studies Applied Technical Mathematics AP Calculus AB AP Statistics	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics			
					American Government	Sociology Sociology Theory		Economics AP Microeconomics
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		Business Seminar	Computers for Professionals	Entrepreneurship	Business Law	Accounting Principles	Software Applications
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives	Keyboarding		Introduction to Business	Personal Finance	AP Seminar		AP Research Youth Apprenticeship	
					Selling Principles			





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# Pathway Planner

## Academies of Racine Park – Marketing

*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
Science (3 Credits)	Biology CP Biology		Chemistry Chemistry in the Community Ecology      Horticulture		Physics Earth and Space Science General Chemistry I		AP Physics II AP Biology	
Math (3 Credits)	Algebra 1 CP Geometry		Geometry Concepts CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Statistics AP Precalculus		Math Studies Applied Technical Mathematics AP Calculus AB AP Statistics	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics American Government      Sociology Sociology Theory		Economics AP Microeconomics	
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		Business Seminar	Computers for Professionals	Marketing Principles	Selling Principles	Retail and Promotional Principles	
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives	Keyboarding		Introduction to Business	Personal Finance	AP Seminar Selling Principles		AP Research Youth Apprenticeship	







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# Pathway Planner

## Academies of Racine Park – Automotive

*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
Science (3 Credits)	Biology CP Biology		Chemistry in the Community Chemistry		Physics AP Physics I General Chemistry I		AP Physics II	
Math (3 Credits)	Algebra 1 CP Geometry		Geometry Concepts CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig AP Precalculus Applied Technical Mathematics Statistics		Math Studies AP Precalculus AP Calculus AB AP Statistics	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics			
					American Government	Sociology Sociology Theory	Economics	
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		Power Systems		Transportation Systems		Automotive Technician 1	
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives							Auto Technician 2 Youth Apprenticeship	





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# Pathway Planner

## Academies of Racine Park – Robotics & Mechatronics

*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
Science (3 Credits)	Biology CP Biology		Chemistry		AP Physics II Earth and Space Science		AP Physics I General Chemistry I	
Math (3 Credits)	Algebra 1 CP Geometry		Geometry Concepts CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig AP Precalculus Statistics		AP Precalculus Applied Technical Math Math Studies	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics			
					American Government	Sociology Sociology Theory	Economics	
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		Robotics/Mechatronics Seminar		Automated Manufacturing Concepts/Programming		Industry 4.0	
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives			Automated Manufacturing		PLTW Digital Electronics		Youth Apprenticeship	



# Pathway Planner

## Academies of Racine Park – Construction

*A pathway planner illustrates a suggested sequence of courses for students.*

Course Guide Menu



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Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP English 9 ELA for Bilingual 1		English 10 Pre-AP English 10 ELA for Bilingual 1		English 11 AP Language & Composition ELA for Bilingual 2		English 12 AP Literature and Composition ELA for Bilingual 2	
							English Writing and Usage Contemporary Literature	Speech Mystery: Means, Motive, and Opportunity
Science (3 Credits)	Biology CP Biology		Chemistry in the Community Chemistry		Physics AP Physics I		General Chemistry I AP Physics II	
			Ecology	Horticulture				
Math (3 Credits)	Algebra 1 CP Geometry		Geometry Concepts CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig Applied Technical Mathematics Statistics		Math Studies	
Social Studies (3.5 Credits)	Recent U.S. History AP U.S. History		World History AP World History Modern		AP US Government & Politics			
					American Government	Sociology Sociology Theory	Economics	
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)						
Pathway Credits (3 Credits)	Freshman Seminar		Intro to Construction Systems		Adv Construction Systems		Residential/Commercial Construction	
Electives (6.5 Credits)	World Language		World Language					
Aligned Electives	Wood Fabrication		Metal Fabrication and Machining		Intro to Welding		Cabinetry Youth Apprenticeship	





# Racine Alternative Learning

Our mission is to provide alternative pathways for students to meet their graduation requirements through personalized and blended learning. Students will acquire the skills to be college and career ready and demonstrate the knowledge, skills and values required to be productive, global citizens.



## Additional Diploma Options



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HSED



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# The R.E.A.L. School

The Racine Engineering Arts and Leadership School (R.E.A.L.) is an early college pocket academy within the Academies of Racine. All high school students are dual enrolled and participate in dual credit pathway classes through the Gateway Technical College's SC Johnson iMET Center where students study electrical engineering, advanced manufacturing/robotics or computer numeric control (CNC).



## Pocket Academies



### Electrical Engineering

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Students use next-generation technology and master the use of digital oscilloscopes, multimeter, function generators, as well as develop and build their own devices. Students gain practical experience designing, developing, and testing electrical components and wiring utilizing Gateway's state-of-the-art Advanced Electronics Lab. Completing an associates degree in Electrical Engineering Technology prepares students to advance to an electrical engineering bachelors program through transfer agreements with UW-Milwaukee and Milwaukee School of Engineering saving up to \$90,000 in tuition.



### Advanced Manufacturing/Robotics

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Students learn and apply the integration of information technology with automated manufacturing systems. Students learn to operate and control robotics, programmable logic controllers (plc's), human machine interfaces (hmi's), learn Industry 4.0 principles and applications where cyber-physical systems monitor physical processes utilizing cybernetics, mechatronics, design and process science, and the Internet of Things. Examples of cyber-physical systems include smart grid, autonomous automobile systems, medical monitoring, process control systems, robotics systems, and automatic pilot avionics.



### Computer Numeric Control (CNC)

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Students learn to program computer aided machines for high volume machine-based manufacturing. Students turn raw materials into precision parts learning CNC programming utilizing the most advanced state-of-the-art CNC mills. Students earn industry certifications such as MSSC Safety, NC3 Precision Measuring while working toward their CNC Production Technician technical and CNC Programmer technical diplomas.

**Pathway Courses**

**Electrical Engineering**

- DC/AC 1 & 2
- Digital Electronics
- Electrical Devices 1 & 2
- Microprocessors

**Advanced Manufacturing/Robotics**

- Intro to Internet of Things
- Intro to Industrial Control Systems
- Motor Controls for Advance Manufacturing
- Intro to Mechatronics
- Intro to Manufacturing & Robotics
- Mechanical Skills
- Programmable Logic Controllers
- Human Machine Interface (HMI)
- Industrial Control System Applications
- Advanced Manufacturing Network Systems

**Computer Numeric Control (CNC)**

- Gauging & Quality Control
- Blueprint Reading
- Advanced & CNC Lathe Set-Up
- Blueprint and Shop Safety
- CNC Machining





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# Pathway Planner

## The REAL School – Electrical Engineering



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9		English 10		English 11		Contemporary Literature	Science Fiction
<b>Science (3 Credits)</b>	Biology		Chemistry		Physics			
<b>Math (3 Credits)</b>	Algebra Geometry		Geometry Algebra 2/Trig		Algebra 2/Trig AP Precalculus		AP Calculus AB Applied Technical Math	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History		World History		American Government	Economics	Sociology Theory	African American History
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)
<b>Pathway Credits (3 Credits)</b>	Industry 4.0 PLTW Principles of Engineering		Digital Electronics		DC/AC 2	Electrical Devices 1	Electrical Devices 2	Microprocessors
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>							Youth Apprenticeship	





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# Pathway Planner

## The REAL School – Advanced Manufacturing-Robotics



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9		English 10		English 11		Contemporary Literature	Science Fiction
<b>Science (3 Credits)</b>	Biology		Chemistry		Physics			
<b>Math (3 Credits)</b>	Algebra Geometry		Geometry Algebra 2/Trig		Algebra 2/Trig AP Precalculus		AP Calculus AB Applied Technical Math	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History		World History		American Government	Economics	Sociology Theory	African American History
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)
<b>Pathway Credits (3 Credits)</b>	Industry 4.0 PLTW Principles of Engineering		Intro to Manufacturing and Robotics  Intro to Mechatronics		Intro to Industrial Control Systems --- Motor Controls for Manufacturing	Intro to Industrial Internet of Things	Programmable Logic Controllers & Human Machine Interface Programming	Advanced Manufacturing Networking Systems
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>							Youth Apprenticeship	





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# Pathway Planner

## The REAL School – Computer Numeric Control (CNC)



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
<b>English (4 Credits)</b>	English 9		English 10		English 11		Contemporary Literature	Science Fiction
<b>Science (3 Credits)</b>	Biology		Chemistry		Physics			
<b>Math (3 Credits)</b>	Algebra		Geometry		Algebra 2/Trig AP Precalculus		AP Calculus AB Applied Technical Math	
<b>Social Studies (3.5 Credits)</b>	Recent U.S. History		World History		American Government	Economics	Sociology Theory	African-American History
<b>Phy Ed (1.5 Credits)</b>	Phy Ed 9		Phy Ed Elective		Phy Ed Elective			
<b>Health (.5 Credits)</b>		Health						
<b>Fine Arts (1 Credit)</b>	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)
<b>Pathway Credits (3 Credits)</b>	Industry 4.0 PLTW Principles of Engineering		CNC Machining Technology		Fundamentals of Blue Print & Shop Safety	Gauging and Quality Control	Advanced Blueprint Reading	CNC Lathe Setup
<b>Electives (6.5 Credits)</b>	World Language		World Language					
<b>Aligned Electives</b>							Youth Apprenticeship	







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# Walden III

**Walden III was founded on the belief that students should be a part of the decisions that affect them. Walden students demonstrate high levels of responsibility, initiative and cooperation. Each student is expected to contribute toward making Walden a more friendly, positive learning environment. U.S. News & World Report named Walden one of the best high schools in the nation in 2021.**



## Areas of Study



### Parkside Access to College Credit Program



The Parkside Access to College Credit Program (PACC) has partnered with Walden III to offer high school students the opportunity to earn college and high school credit simultaneously. PACC courses are real UW-Parkside college courses taken during the regular school day, taught by Walden III qualified teachers, and are transferable to most colleges and universities.



### Rite of Passage Experience

Every senior at Walden III must complete the Rite of Passage Experience (R.O.P.E.) to graduate at Walden. This requirement is one factor that makes Walden different from other high schools.

Students start ROPE beginning in 9th grade as they collect and gather information in areas of academic achievement and growth, volunteer and community opportunities, and many other areas that contribute toward the ROPE process.

R.O.P.E. is designed to measure competency in terms of actual mastery, not just by credits or standardized test scores. During the first semester of their senior year, students are assigned the R.O.P.E. course to help prepare them to meet these requirements. The R.O.P.E. class is required and is taken for credit.

**PACC Courses**

- Composition and Reading
- Introduction to Literature
- World History I: From Antiquity to 1300
- World History III: From 1800 to the Present
- Fundamentals of Music
- Intermediate Spanish I
- Intermediate Spanish II
- Spanish-American Literature Since 1700
- Jazz Appreciation
- Lifetime Fitness





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# Course Planner Walden III



*A pathway planner illustrates a suggested sequence of courses for students.*

Graduation Requirements	Grade 9		Grade 10		Grade 11		Grade 12	
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English (4 Credits)	English 9 Pre-AP Advanced English 9		English 10 Pre-AP Advanced English 10		English 11 AP Language & Composition		English 12	
							Composition & Reading	Intro to Literature
Science (3 Credits)	Biology		Chemistry Chemistry in the Community		Physics AP Physics I		AP Biology AP Chemistry	
Math (3 Credits)	Algebra 1 CP Geometry		Geometry CP Geometry Algebra 2/Trig		Algebra 2 Algebra 2/Trig AP Precalculus		AP Precalculus AP Calculus AB Statistics Math Studies	
Social Studies (3.5 Credits)	Recent U.S. History		World History		World History (PACC)		AP Psychology	
					Economics	Psychology	US Government AP US Government	Sociology Criminology
Phy Ed (1.5 Credits)	Phy Ed 9		Phy Ed Elective		Lifetime Wellness		Lifetime Wellness	
Health (.5 Credits)		Health						
Fine Arts (1 Credit)	Fine Arts (Choice)	Fine Arts (Choice)	Music Theory		Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)	Fine Arts (Choice)
ROPE (.5 Credits)							ROPE	Speech
Electives (6.5 Credits)	Spanish 1 Introduction to Business Math Lab		Spanish 2 Spanish 3 Introduction to Spanish 2		Jazz Appreciation Intermediate Spanish 2 Literacy Academy		Spanish Literature CTE Choice	





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### Advanced Placement (AP)

The Advanced Placement (AP) Program gives students the opportunity to pursue college-level studies while still in high school and to receive college credit through success on AP exams. For the most up-to-date information on the AP program, [click here](#) or visit <https://rusd.org/academics/advanced-placement>.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>AP 2D Studio Art – Design/Drawing</b>	✗	✗	✓	✓	ART-02129	1	\$	A demanding advanced art course designed for the serious art student who has proven competency and interest in art. Provides maximum individualized instruction toward a personal direction of visual problem solving and research information. Students will produce drawings, designs, painting, and prints that culminate in the assembly of a personal portfolio. College credit may be earned. The AP exam is taken for college credit. A bound sketchbook is required. A student lab fee will be charged.	AP	✗	✓	✓	✓	✗	✗
<b>AP 3D Studio Art</b>	✗	✗	✓	✓	ART-02130	1	\$	A demanding advanced art course designed for the serious art student who has proven competency and interest in art. Providing maximum individualized instruction toward a personal direction of visual problem solving and research information. Students will produce ceramics, sculpture, jewelry, textiles and mixed media that culminate in the assembly of a personal portfolio. College credit may be earned. The AP exam is taken for college credit. A bound sketchbook is required. A student lab fee will be charged.	AP	✗	✗	✓	✓	✗	✗
<b>AP Computer Science S1 (Virtual)</b>	✗	✗	✓	✓	BMI-03280-V1	0.5		Prerequisite: Computer Programming (3282).  The AP Computer Science A course is equivalent to the first semester of a college level computer science course. The course involves developing the skills to write programs or part of programs to correctly solve specific problems. AP Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.	AP	✓	✓	✓	✓	✓	✓
<b>AP Computer Science S2 (Virtual)</b>	✗	✗	✓	✓	BMI-03280-V2	0.5		Prerequisite: AP Computer Science S1	AP	✓	✓	✓	✓	✓	✓
<b>Pre-AP English 9 (Name Change)</b>	✓	✗	✗	✗	ELA-02222	1		This is the first course in the Pre-AP/AP Program at Horlick and Park. Students may subsequently choose to continue in the AP program or move to regular level courses. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.	Pre-AP	✗	✓	✓	✗	✓	✗



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<p><b>Pre-AP English 10</b> (Name Change)</p>	9	10	11	12	ELA-02242	1	This course is offered at Horlick and Park. It is recommended students successfully complete Pre-AP English 9. This course is a study of American Literature with special emphasis on the skills, background, and authors recommended for successful completion of the Advanced Placement English program. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.	<b>Pre-AP</b>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>AP Language and Composition</b></p>	9	10	11	12	ELA-02244	1	AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situations, claims and evidence, reasoning and organization, and style.	<b>AP</b>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>AP English Language and Composition S1</b> (Virtual)</p>	9	10	11	12	ELA-02244-V1	0.5	The AP English Language and Composition course will provide high school students with college level instruction in studying and writing various kinds of analytic or persuasive essays on literary and non-literary topics in language, rhetoric and expository writing. Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both their reading and writing should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way writing conventions and language contribute to effectiveness in writing. This course will effectively prepare students for the AP Exam by enabling them to read, comprehend, and write about complex texts, while developing further communication skills on a college level.	<b>AP</b>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>AP English Language and Composition S2</b> (Virtual)</p>	9	10	11	12	ELA-02244-V2	0.5	Prerequisite: AP English Language and Composition S1	<b>AP</b>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>AP Literature and Composition</b></p>	9	10	11	12	ELA-02247	1	AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.	<b>AP</b>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>AP English Literature and Composition S1</b> (Virtual)</p>	9	10	11	12	ELA-02247-V1	0.5	For a year, participate in an AP upscale dining experience in the AP English Literature and Composition course. Students act as food critics of exquisite literary cuisine. Menu items include reading, analyzing, writing, rewriting, and discussing creations by the master chefs, renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this dining experience equips students with recipes for success in college, in a career and the AP exam.	<b>AP</b>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>AP English Literature and Composition S2</b> (Virtual)</p>	9	10	11	12	ELA-02247-V2	0.5	Prerequisite: AP English Literature and Composition S1	<b>AP</b>	Case	Horlick	Park	REAL	Walden	Virtual



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<p><b>AP Research</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>GUI-00001</p>	<p>1</p>	<p>Prerequisite: AP Seminar.  AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.</p>		<p>Case ✗</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>AP Seminar</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>GUI-00002</p>	<p>1</p>	<p>This course is offered at the 11th and 12th grade levels and 10th grade by recommendation at Horlick and Park HS. AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.</p>		<p>Case ✗</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>AP Precalculus</b>  <b>(NEW)</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>MTH-00007</p>	<p>1</p>	<p>In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world.  AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Furthermore, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type.</p>		<p>Case ✗</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✗</p>
<p><b>AP Calculus BC S1</b> <b>(Virtual)</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>MTH-02446-V1</p>	<p>0.5</p>	<p>Prerequisite: AP Calculus AB. Completion of both segments of this course is designed to prepare the student for the AP Calculus BC exam given each year in May.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>



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<b>AP Calculus BC S2</b> (Virtual)	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02446-V2	0.5	Prerequisite: AP Calculus BC S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Statistics</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02453	1	Prerequisite: Credit in Algebra 2 (2440) with teacher recommendation or successful completion of CP Algebra 2-Trig (2441).  This course covers all of the topics of Statistics (2451), as well as all of the topics required by the College Board for AP Statistics, which encompasses the following themes: exploratory analysis, planning and conducting a study, probability, and statistical inference. Computers and graphing calculators will be used extensively. Each student will be required to own a computer storage device and a graphing calculator with statistical functions.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✓
<b>AP Statistics S1</b> (Virtual)	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02453-V1	0.5	Prerequisite: Algebra 2-Trig. This course is designed to provide college-level instruction on the concepts and tools for working with data. Students collect and analyze data and draw conclusions based on real-world information. The course challenges students to explore patterns, think critically, use a variety of tools and methods, and report their findings and conclusions.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Statistics S2</b> (Virtual)	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02453-V2	0.5	Prerequisite: AP Statistics S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Calculus AB</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02461	1	Prerequisite: Credit in Precalculus.  This full-year course is equivalent to the first semester of college calculus. All of the topics required by the College Board for AP Calculus are covered. Each student will be required to own a graphing calculator.		Case ✗	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Calculus AB S1</b> (Virtual)	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02461-V1	0.5	Prerequisite: Pre-Calculus. An interactive text, graphing software and math symbol software combine with the exciting online course delivery to make Calculus an adventure. Completion of both segments of this course is designed to prepare the student for the AP Calculus AB exam given each year in May. An Advanced Placement (AP) course in calculus consists of a full high school year of work that is comparable to calculus courses in colleges and universities.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Calculus AB S2</b> (Virtual)	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02461-V2	0.5	Prerequisite: AP Calculus AB S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Environmental Science S1</b> (Virtual)	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02627-V1	0.5	The goal of AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world and to identify and analyze environmental problems that are natural and human-made. Students will evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing problems. Laboratories support student content mastery in both hands-on and virtual experiences.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Environmental Science S2</b> (Virtual)	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02627-V2	0.5	Prerequisite: AP Environmental Science S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<b>AP Biology</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02630	1	Prerequisite: Students should have successfully completed high school courses in biology and chemistry.  AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The Advanced Placement exam may be taken for college credit.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✓
<b>AP Chemistry</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02632	1	Prerequisite: Students should have successfully completed a general high school chemistry course and Algebra II.  The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The Advanced Placement exam may be taken for college credit.		Case ✗	Horlick ✓	Park ✗	REAL ✗	Walden ✓	Virtual ✓
<b>AP Physics 1</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02642	1	AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. The Advanced Placement exam may be taken for college credit.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✗
<b>AP Physics 2</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02643	1	AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. The Advanced Placement exam may be taken for college credit.		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✓	Virtual ✗
<b>AP Biology S1 (Virtual)</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02644-V1	0.5	This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays and mastering Biology concepts and connections. The key themes of the AP Biology course are: the scientific processes, the affects of science on technology and society, the chemistry and makeup of living organisms, genetics, diversity, and evolution.  Throughout this course you will be expected to answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Biology S2 (Virtual)</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02644-V2	0.5	Prerequisite: AP Biology S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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Course	9	10	11	12	Code	Credits	Description	AP	Case	Horlick	Park	REAL	Walden	Virtual
AP World History: Modern	✗	✓	✗	✗	SOC-02716	1	In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.	AP	✗	✓	✓	✗	✗	✓
AP World History: Modern A (Virtual)	✗	✗	✓	✓	SOC-02716-V1	0.5	This course spans the Neolithic age to the present in a rigorous academic format organized by chronological periods and viewed through fundamental concepts and course themes. Students analyze the causes and processes of continuity and change across historical periods. Themes include human-environment interaction, cultures, expansion and conflict, political and social structures, and economic systems. In addition to mastering historical content, students cultivate historical thinking skills that involve crafting arguments based on evidence, identifying causation, comparing and supplying context for events and phenomenon, and developing historical interpretation.	AP	✓	✓	✓	✓	✓	✓
AP World History: Modern B (Virtual)	✗	✗	✓	✓	SOC-02716-V2	0.5	Prerequisite: AP World History: Modern A	AP	✓	✓	✓	✓	✓	✓
AP US History	✓	✗	✗	✗	SOC-02730	1	In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.	AP	✗	✓	✓	✗	✗	✓





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<p><b>AP United States History S1</b> (Virtual)</p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02730-V1	0.5	This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two 18 week semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting documents, writing analytical essays, and mastering factual content. Woven into the chronology of the course are the key themes of American History. Issues of American identity, diversity, religion and culture are examined. Economic transformations, the development of political institutions and reform movements are evaluated. War, slavery, and demographic changes are assessed. Globalization and environmental issues are analyzed. These themes appear consistently in the course as the student journeys through broader course topics such as colonial and antebellum life, civil war and reconstruction, the gilded age and on to modern America.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>AP United States History S2</b> (Virtual)</p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02730-V2	0.5	Prerequisite: AP United States History S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>AP US Government &amp; Politics</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02734	1	AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.	AP	Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✓
<p><b>AP US Government and Politics S1</b> (Virtual)</p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02734-V1	0.5	"Lights, Camera, Action" ...Prepare to study the intricacies of the American Political Culture. The script is written and the actors participate daily in the drama of American politics. You will be "on location" to delve into primary source documents. You will go behind the scenes with stars such as the President, Congress people, and Supreme Court Justices. You will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. Finally, you will witness the large-scale production of policy building in the areas of economic/social policy, foreign policy and public administration.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>AP US Government and Politics S2</b> (Virtual)</p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02734-V2	0.5	Prerequisite: AP US Government and Politics S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>AP Microeconomics</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02745	0.5	AP Microeconomics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.	AP	Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✓



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	9	10	11	12											
AP Microeconomics (Virtual)	✗	✗	✓	✓	SOC-02745-V1	0.5	<p>You traveled to the Macro Islands to assist the leader in winning reelection. You came for a job, but you realized as you were working that you loved the islands and wanted to make your home there. Because you are adept at giving economic advice to the leader, you have been appointed as the new President of the Sunny Seas Shell Company.</p> <p>As part of your role in assuming the leadership duties of the company, you will need to brush up on microeconomics. The Board of Directors has appointed Ms. Equilibrium to act as your personal assistant and advisor as you transition into your new role. You will be learning all you can about microeconomics and will be required to exhibit your knowledge in May at the annual Board of Directors' meeting (the AP Exam).</p>	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓	
AP Macroeconomics (Virtual)	✗	✗	✓	✓	SOC-02746-V1	0.5	<p>You have been called upon to assist the leader of the Macro Islands who is running for reelection next year. The economy is in shambles, and you need to come up with some feasible solutions. This will not only help the people of the Macro Islands but will also ensure a victory for your employer.</p> <p>You were hired over the Internet and received a first class ticket to the Macro Islands where you can learn first hand about the situation. You arrive at Pineapple Airport in the middle of the day and are met by a man with a briefcase who is holding a sign with your name on it. You approach the man and introduce yourself.</p> <p>"I'm Mr. Scarcity," he says. "I'll be your guide as you learn about the economic situation of the islands. You need to learn everything you can about both macroeconomics and our Macro Islands for your presentation to our island leader in May." (Your AP Exam.)</p>	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓	
AP Psychology	✗	✗	✓	✓	SOC-02749	1	<p>The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, clinic, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.</p>	AP	Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✓	
AP Psychology S1 (Virtual)	✗	✗	✓	✓	SOC-02749-V1	0.5	<p>AP Psychology is a college level course providing students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. Psychology is a diverse social and biological science with multiple perspectives and interpretations.</p>	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓	
AP Psychology S2 (Virtual)	✗	✗	✓	✓	SOC-02749-V2	0.5	<p>Prerequisite: AP Psychology S1</p>	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓	



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<b>AP Human Geography</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02752	1	AP Human Geography introduces high school students to college-level introductory human geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction.	AP	Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✓
<b>AP Human Geography S1 (Virtual)</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02752-V1	0.5	The AP Human Geography course is designed to provide college level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human social organization and its effect on the world in which we live. Students are challenged to use maps and geographical data to examine spatial patterns and analyze the changing interconnections among people and places.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Human Geography S2 (Virtual)</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02752-V2	0.5	Prerequisite: AP Human Geography S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP French S1 (Virtual)</b>	9 ✗	10 ✗	11 ✗	12 ✓	WLS-02317-V1	0.5	AP French Language is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP French Language course prepares them for the AP French exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive and Presentational) as defined in the Standards for Foreign Language Learning in the 21st Century.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP French S2 (Virtual)</b>	9 ✗	10 ✗	11 ✗	12 ✓	WLS-02317-V2	0.5	Prerequisite: AP French S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP/Spanish Language and Culture</b>	9 ✗	10 ✗	11 ✗	12 ✓	WLS-02387	1	Prerequisite: Successful completion of Fourth-Year Spanish.  A humanities course conducted in Spanish intended for intermediate mid to intermediate high speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects through concepts and skills introduced and explored in class, which enable students to participate in class discussions and activities in a meaningful way.	AP	Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✓





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## International Baccalaureate

The International Baccalaureate (IB) is a global leader in international education— developing inquiring, knowledgeable, confident, and caring young people. Our programmes empower school-aged students to take ownership in their own learning and help them develop future-ready skills to make a difference and thrive in a world that changes fast. The Academies of Racine Case offers a continuum of IB programmes to all District students which include: the IB Middle Years Programme (MYP) (in candidacy phase), IB Career-related Programme (CP), and the IB Diploma Programme (DP).

### IB Middle Years Programme (Candidate School Program):

This programme is offered to all 9th and 10th graders. The MYP aims to develop active learners and internationally minded young people who can empathize with others and pursue lives of purpose and meaning. The programme empowers students to inquire into a wide range of issues and ideas of significance locally, nationally and globally. The result is young people who are creative, critical and reflective thinkers. Read about the MYP curriculum at

<https://www.ibo.org/programmes/middle-years-programme/curriculum/>

### IB Diploma Programme:

The Diploma Programme (DP) curriculum is made up of six subject groups and the DP core, comprising theory of knowledge (TOK), creativity, activity, service (CAS) and the extended essay. Through the Diploma Programme (DP) core, students reflect on the nature of knowledge, complete independent research and undertake a project that often involves community service. Read about the DP curriculum at <https://www.ibo.org/programmes/diploma-programme/curriculum/>

### Career-related Programme:

CP students undertake a minimum of two IB Diploma Programme (DP) courses, a core consisting of four components and a career-related study. For CP students, DP courses provide the theoretical underpinning and academic rigor of the programme; the career-related study further supports the programme's academic strength and provides practical, real-world approaches to learning; and the CP core helps them to develop skills and competencies required for lifelong learning. Read about the CP curriculum at <https://www.ibo.org/programmes/career-related-programme/>

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
IB Art 1	9	10	11	12	ART-08750	1	\$20	Prerequisite: Successful completion of one introductory and one advanced course in either Draw/Design, Draw/Paint, or Draw/Printmaking.		Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓				✓							
								IB Studio Art is designed to prepare the serious art student for advanced studies in art. Students will research artists, careers and develop a portfolio of personal artworks using a range of media and subject matter of the students' choice. Students will acquire the ability to curate art and its relationships to culture, history and media. Student and instructor will determine the focus of study. The lifetime hobby artist will also benefit from this course. The IB exam is optional. IB/Studio Art exhibition is required. A bound sketchbook is required. A student lab fee will be charged.							



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<p><b>IB Art 2</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>ART-08751</p>	<p>1</p>	<p>\$20</p>	<p>Prerequisite: Successful completion of three courses of art, one of which must be at the Advanced level and must come from both 2D and 3D course options.</p> <p>This course is designed to prepare the serious art student for advanced studies in art. Art career exploration and portfolio preparation is offered. In addition to regular Studio Art coursework, students must expect to do outside research to meet requirements for IB credit. The lifetime hobby artist will also benefit from this course. The IB exam is available for group 6 and/or college credit. IB Art exhibition is required. A bound sketchbook is required. A student lab fee will be charged.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP Freshman Seminar (NEW)</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>GUI-00009</p>	<p>1</p>	<p>Freshman Seminar is a class designed to help students transition to High School as well as explore themselves and their interests in order to choose the Career Pathway that best fits them. This is a foundational course for the Academies of Racine experience. Students enrolled in this course will undergo exploration of what makes them unique and how they can channel themselves into future successes. Students will strengthen their own Approaches to Learning that will aid them in self-discovery and confidence as learners. Students will engage in activities to uncover skills, IB Learner Profile traits, and goals that will help them select a career pathway that they will enroll in for their sophomore year. Further, students will conduct career and college research to facilitate their career plan. To that end, students will have an opportunity to fill out applications, learn how to create dynamic resumes, participate in interviews and attend a career exploration experience or two.</p> <p>This is a required course for all freshmen at the Academies of Racine Case and meets components of the IB Middle Years Program.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>	
<p><b>IB MYP English 9</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>ELA-00011</p>	<p>1</p>	<p>Students will explore how individuals are affected by their choices, journeys, and interactions with others by inferring the meaning of text through many response formats including essays, journals, reading conferences, and project-based learning. Students will reflect on current events through both a local and global lens.</p> <p>This course meets the requirements of IB Middle Years Program in addition to Common Core Reading, Writing, Speaking and Listening standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>	
<p><b>IB MYP Literature 9</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>ELA-00012</p>	<p>1</p>	<p>Students will analyze the use of language as a vehicle for thought, creativity, reflection, and self-expression. Through the study and application of ideas in complex literary texts, students develop critical, creative, and personal approaches to analyzing current and historical events through a local and global lens.</p> <p>This course meets the requirements of IB Middle Years Program in addition to Common Core Reading, Writing, Speaking and Listening standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>	



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<p><b>IB MYP English 10</b> <b>(NEW)</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>ELA-00016</p>	<p>1</p>	<p>Prerequisite: IB MYP English 9</p> <p>Students will explore how various groups of Americans are affected by their roles in society, and how society shapes their identities by analyzing and making inferences of fiction and non-fiction texts through various response formats. These formats include constructed response writings, essays, formal research presentations, informal class discussions, and projects. Students will reflect on current and historical events in America through an academy-focused lens and comparative global lens.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Common Core Reading, Writing, Speaking and Listening standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP Literature 10</b> <b>(NEW)</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>ELA-00013</p>	<p>1</p>	<p>Prerequisite: IB MYP English 9 (ELA-00011) or IB MYP Literature 9 (ELA-00012)</p> <p>Students will analyze and evaluate how various groups of Americans are affected by their roles in society, society shapes their identities, literary genres and authors are influential through their works, and societies and histories affect literature. Students will focus on the function of language from the past and present, they will make inferences and create their own complex analyses of fiction and non-fiction text through individual and collaborative response formats. This includes essays, formal research presentations, speeches, Socratic Seminars, and individual and group projects. Students will reflect on current and historical events in America through an academy-based lens, literary criticism lenses, and a comparative global lens.</p> <p>This course meets the requirements of the IB Middle Years Program, IB Diploma Program, and IB Career Program in addition to the Common Core Reading, Writing, Speaking, and Listening standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB Extended Essay and Creativity, Activity, and Service (CAS)</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✗</p>	<p>ELA-02224</p>	<p>0.5 (JR)</p>	<p>Prerequisite: Successful completion of Sophomore Pre IB/Advanced English 10.</p> <p>The course format and its goal are to promote high-level research and writing skills, intellectual discovery and creativity with a focus on international mindedness. It will provide students with an understanding of the extended essay and give them an opportunity to engage in research. The final product will be submitted their penultimate year of the Diploma Programme for external examination. In addition, this course will allow time for students to begin the required Full Diploma CAS (Creativity, Action, and Service) including writing reflections and providing evidence, individually as well as in group undertakings, as required by the IB CAS guidelines. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<p><b>IB Lit I</b></p>	9	10	11	12	ELA-08705	1	<p>Prerequisite: Pre-IB American Literature or teacher recommendation.</p> <p>This course is the first year of the Higher Level (HL) Literature curriculum, which culminates in an IB exam that can earn college credit. This rigorous course examines texts in translation, as well as those written in English, and focuses on deep literary analysis and interpretation, as well as college-level academic writing.</p>		Case	Horlick	Park	REAL	Walden	Virtual	
	✗	✗	✓	✗			✓		✗	✗	✗	✗	✗		
									<p>Prerequisite: IB Lit 1 or teacher recommendation.</p> <p>This course is the second year of the Higher Level (HL) Literature curriculum, which culminates in an IB exam that can earn college credit. Only students who have completed both years are eligible to sit for the exam. This rigorous course continues the work of year one, with a strong emphasis on interpreting college-level texts and the production of college-level academic writing.</p>	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✗	✓	ELA-08728	1			✓	✗	✗	✗	✗	✗	
<p><b>IBCP Personal and Professional Skills 1</b> <i>(Name Change)</i></p>	9	10	11	12	ELA-08729	0.5	<p>Prerequisite: Junior standing. This course is offered at Case.</p> <p>This course is aimed at juniors entering into the IBCP pathway. Students in the Personal and Professional Skills course will focus on five central themes/units: personal development, intercultural understanding, effective communication, thinking processes, and applied ethics. The goal is to offer students the ability to grow as learners in keyways to be able to enter work and/or college careers with the traits and skills needed for success. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.</p> <p>Note: This course is an English elective and does not count toward the 4 credits of English required for graduation.</p> <p><b>Scheduling Note:</b> Students enroll in IBCP Personal and Professional Skills 1 second semester of Junior year.</p>		Case	Horlick	Park	REAL	Walden	Virtual	
	✗	✗	✓	✗			✓		✗	✗	✗	✗	✗		
<p><b>IBCP Personal and Professional Skills 2</b> <i>(NEW)</i></p>	9	10	11	12	ELA-00015	0.5	<p>Prerequisite: Senior standing. This course is offered at Case.</p> <p>This course is aimed at Seniors in the IBCP pathway. Students in the Personal and Professional Skills course will focus on five central themes/units: personal development, intercultural understanding, effective communication, thinking processes, and applied ethics. The goal is to offer students the ability to grow as learners in keyways to be able to enter work and/or college careers with the traits and skills needed for success. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.</p> <p>Note: This course is an English elective and does not count toward the 4 credits of English required for graduation.</p> <p><b>Scheduling Note:</b> Students enroll in IBCP Personal and Professional Skills 2 first semester of Senior year.</p>		Case	Horlick	Park	REAL	Walden	Virtual	
	✗	✗	✗	✓			✓		✗	✗	✗	✗	✗		



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<p><b>IB MYP Algebra 9 Standard</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>MTH-00001</p>	<p>1</p>	<p>IB MYP 9 Algebra Standard aims to give students a sound knowledge of algebra principles (Equations and Functions) while allowing them to develop skills needed to meet the objectives of MYP mathematics (Knowing and Understanding, Investigating Patterns, Communicating, Applying mathematics to real life contexts).</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP Algebra 9 Extended</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>MTH-00002</p>	<p>1</p>	<p>IB MYP 9 Algebra Extended consists of IB MYP 9 Algebra Standard content, but is also supplemented by additional topics and skills (Systems of Equations, Polynomials, and Quadratics). This level provides the foundation for students who wish to pursue further studies in mathematics.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP Geometry – Standard (NEW)</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>MTH-00004</p>	<p>1</p>	<p>Prerequisite: Credit in IB MYP Algebra 9 Standard.</p> <p>IB MYP Geometry Standard aims to give students a sound knowledge of geometric concepts while allowing them to continue developing skills needed to meet the objectives of MYP mathematics (Knowing and Understanding, Investigating Patterns, Communicating, Applying mathematics to real life contexts). Geometry Standard covers topics such as transformations, properties of triangles and quadrilaterals and circles, similarity, measurements of three-dimensional figures as well as an introduction to right triangle trigonometry.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP Geometry Extended</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>MTH-00003</p>	<p>1</p>	<p>Prerequisite: Credit in Algebra 1. This MYP extended course deals with properties of plane and solid figures. It helps to develop logical thinking processes, an understanding of methods of proof, and the precise use of language. This course is designed to support students who have a passion for mathematics.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB Mathematics: Applications and Interpretation SL</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>MTH-02406</p>	<p>1</p>	<p>Prerequisite: Successful completion of Algebra 2 (2440) or Algebra 2-Trig (2441).</p> <p>This course is designed to meet the math requirement of the IB diploma. The subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics, psychology and design for example. It concentrates on math that can be applied to real world situations at home, work, and leisure, and includes a project involving a math investigation, research, evaluation, analysis and written work. Math topics include algebra, logic, probability, statistics, geometry, trigonometry, calculus financial math, math investigation, research, evaluation, analysis and written work.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>





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<p><b>IB Mathematics: Analysis and Approaches SL 1</b></p>	9	10	11	12	MTH-02407	1	<p>Prerequisite: Successful completion of Algebra 2-Trig. (2441).</p> <p>This course covers topics of precalculus, as well as additional topics from the IB subsidiary-level curriculum. Topics include functions, sequences, series, exponential and logarithmic functions, matrices and trigonometry. This course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, business administration, and engineering.</p> <p>Students who wish to test in Mathematics: Analysis &amp; Approaches SL will be required to take Mathematics: Analysis &amp; Approaches SL2 the following year.</p>		Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓			<p>Prerequisite: Successful completion of Mathematics: Analysis &amp; Approaches SL 1.</p> <p>This course covers the components of statistics and calculus of the IB Math SL exam. This course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, business administration, and engineering. Each student will be required to own a graphing calculator. Students enrolled in this course are encouraged to test in IB Mathematics: Analysis &amp; Approaches SL. Various colleges and universities offer math or elective credit for successfully testing in this course.</p>		Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✗	✓			<p>Prerequisite: Successful completion of Algebra 2-Trig. (2441).</p> <p>This course covers topics of Precalculus, as well as additional topics from the IB subsidiary-level curriculum. Topics include functions, sequences, series, exponential and logarithmic functions, matrices, and trigonometry. These topics are covered more in depth at the HL level than in the SL level course. This course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, business administration, and engineering. Students wish to test in Mathematics: Analysis &amp; Approaches HL will be required to take Mathematics: Analysis &amp; Approaches HL 2 the following year.</p>		Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓			<p>Prerequisite: Successful completion of Mathematics: Analysis &amp; Approaches HL 1.</p> <p>This course covers the components of statistics, vectors, and calculus of the IB Math HL exam. The HL level course differs from the SL course in that it offers the topic of vectors and a more in depth look at statistics and calculus. The course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, business administration, and engineering. Each student will be required to own a graphing calculator. Students enrolled in this course are encouraged to test in IB Mathematics: Analysis &amp; Approaches HL. Various colleges and universities offer calculus level credit for successfully completing this exam.</p>		Case	Horlick	Park	REAL	Walden	Virtual



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<p><b>IB MYP Algebra 2 / Trig Extended</b> <b>(NEW)</b></p>	9	10	11	12	MTH-00005	1	<p>Prerequisite: Credit in IB MYP Algebra 9 Extended and either credit in IB MYP Geometry Extended OR concurrent enrollment in IB MYP Geometry Extended (with counselor and department head approval)</p> <p>IB MYP Algebra 2/Trig Extended aims to give students a strong and in-depth understanding of algebraic concepts beyond the scope of what was covered in Algebra 1 while allowing them to continue developing and practicing skills needed to meet the objectives of MYP mathematics (Knowing and Understanding, Investigating Patterns, Communicating, Applying mathematics to real life contexts). Algebra 2 Trig Extended covers topics including functions (linear, absolute value, quadratic, cubic, rational, radical, etc) and their properties, systems of equations, polynomials, logarithms, and an in depth look at trigonometric functions and the unit circle. This course helps to enhance logical thinking processes and the precise use of language. Topics and skills covered in this course give extended background for further mathematics courses including IB Math Analysis and Approaches SL or HL as well as IB Math Applications and Interpretation.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards.</p>		Case	Horlick	Park	REAL	Walden	Virtual	
	✗	✓	✗	✗			✓		✗	✗	✗	✗			
									<p>Prerequisite: Teacher recommendation.</p>						
	<p><b>IB Music HL 1</b></p>	9	10	11	12	MUS-00001	1		<p>Offered at Case HS. The Year 1 IB Music course develops students' knowledge and understanding of music through the study of musical perception, including study of musical elements, form and structure, notations, musical terminology and context. This is an enriched or advanced course and requires teacher recommendation.</p>		Case	Horlick	Park	REAL	Walden
							<p>Prerequisite: Teacher recommendation.</p>								
<p><b>IB Music HL 2</b></p>	9	10	11	12	MUS-01918	1	<p>Offered at Case HS. The Year 2 IB Music course prepares students to take the International Baccalaureate Music exam at the higher level (HL). The course focuses on the exploration of music from different places, cultures, and time periods. Significant time is devoted to the study of music theory.</p>		Case	Horlick	Park	REAL	Walden	Virtual	
							<p>Prerequisite: Teacher recommendation.</p>								
<p><b>IB MYP 9 Fitness for Life</b></p>	9	10	11	12	PHY-00004	0.5	<p>The IB MYP 9 Fitness for Life Course is developed to help students acquire the knowledge, skills, and self-confidence to lead healthy, productive lives. The primary goals are to improve physical fitness, to help students make correct decisions about health issues, and to teach skills and knowledge that will enable them to be physically active and healthy for a lifetime. This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards and National Shape Standards.</p>		Case	Horlick	Park	REAL	Walden	Virtual	



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<p><b>IB MYP 10 Lifetime Fitness</b> <b>(NEW)</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	PHY-0003	0.5	<p>This course is designed for 10th grade classes. Depending on individual school facilities/staffing, this coeducational course emphasizes health related fitness. At the conclusion of the course, students will have experienced a wide variety of fitness activities that they will be able to replicate on their own. Students will have an understanding of their own fitness level, how to assess their fitness, and how to improve their health-related fitness. Students will create a fitness program that displays their knowing and understanding of personal fitness and well-being. This course meets the requirements of IB Middle Years Program in addition to the National Shape Standards.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<p><b>IB MYP Health Education</b></p>	9 ✓	10 ✗	11 ✗	12 ✗	HEA-00003	0.5	<p>The IB MYP Health Education course is designed to provide students with the knowledge, attitudes, and skills to make health-promoting decisions. Students will develop a high level comprehension and understanding of the physical, mental and emotional, social and spiritual dimensions of health. Units in our curriculum discuss topics such as Personal Wellness, Nutrition and Fitness, Mental and Emotional Health, Alcohol, Tobacco/Vaping, Illegal drugs, as well as HIV, STD and STI Prevention. The overall goal of this course is to provide information on up to date health issues students and their peers face within their community, as well as Globally, and opportunities for the development of decision-making and critical-thinking skills. Good Health is not a one-time decision but a series of decisions continuing throughout our lives. This course meets the requirements of IB Middle Years Program in addition to Wisconsin's Model Academic Standards for Health Education and National Health Education Standards (NHES)</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<p><b>IB MYP 9th Grade Biology</b></p>	9 ✓	10 ✗	11 ✗	12 ✗	SCI-00003	1	<p>MYP Biology offers an inquiry-based approach to discovering biological themes. Topics investigated will include population dynamics and ecology, natural selection/evolution, biochemistry/energy, and genetics/DNA. This course meets the requirements of IB Middle Years Program in addition to the Next Generation Science Standards.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<p><b>IB MYP Chemistry</b> <b>(NEW)</b></p>	9 ✗	10 ✓	11 ✗	12 ✗	SCI-00004	1	<p>Prerequisite: MYP Algebra 9 Extended (MTH-00002) or MYP Algebra 9 Standard (MTH-00001) Successful completion of MYP Algebra 9 Extended or MYP Algebra 9 Standard strongly recommended.</p> <p>A laboratory study of the chemical and physical properties of matter. Topics include observation and measurement, atomic structure and theory, periodic trends, bonding properties, molecular relationships, organic chemistry, chemical reactions and thermochemistry. Additional emphasis is placed on the IB science laboratory format. This course meets the requirements of IB Middle Years Program in addition to the Next Generation Science Standards.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗



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Course	9	10	11	12	Code	Credits	Description	IB Logo	Case	Horlick	Park	REAL	Walden	Virtual
<b>IB Physics 1</b>	✗	✗	✓	✓	SCI-01413	1	Prerequisite: Successful completion of Algebra-Trig or concurrent enrollment in Algebra 2. Highly recommended that students have completed or are concurrently enrolled in Principles of Engineering. (Students do not need to take Physics before IB Physics.)  The concepts of classical (Newtonian) mechanics, thermodynamics, waves, electricity, magnetism, and nuclear physics will be covered. IB Physics is designed to be the equivalent of a first-year college physics course. Heavy emphasis is placed on independent experimental research. Testing by IB can give advanced placement in most colleges.		✓	✗	✗	✗	✗	✗
<b>IB Physics 2</b>	✗	✗	✗	✓	SCI-01414	1	Prerequisite: Successful completion of IB Physics 1.  Continuing from IB Physics 1, additional concepts of electromagnetic induction, quantum physics, electric and gravitational fields, and astrophysics will be covered. Practical work is emphasized in all aspects of the course. Testing by IB can give advanced placement in most colleges.		✓	✗	✗	✗	✗	✗
<b>IB MYP Earth and Space Science (NEW)</b>	✗	✓	✓	✓	SCI-00005		Prerequisite: IB MYP 9th Grade Biology.  IB MYP Earth and Space Science focuses on how the Earth is changing. First semester topics include earthquakes, volcanoes, plate tectonics, weathering, erosion, conflict minerals, and deposition. Second semester topics include environmental sustainability, renewable energy, and environmental sciences. Time is also spent exploring the sun, moon, stars, planets and the universe. This course meets the requirements of IB Middle Years Program in addition to the Next Generation Science Standards.		✓	✗	✗	✗	✗	✗
<b>IB Biology 1</b>	✗	✗	✓	✓	SCI-08702	1	Prerequisite: Biology (2622) and Chemistry (2631) with a grade of "C" or better, or teacher recommendation.  This course is the first year of the Higher Level (HL) Biology curriculum, which culminates in an IB exam that can earn college credit. This rigorous course examines: the Cell and Microbiology, Biochemistry, DNA to Proteins to Enzymes, Genetics and Inheritance and Meiosis, and Evolution and Biodiversity.		✓	✗	✗	✗	✗	✗
<b>IB Biology 2</b>	✗	✗	✗	✓	SCI-08722	1	Prerequisite: IB Biology 1 (SCI-08702) or teacher recommendation  This course is the second year of the Higher Level (HL) Biology curriculum, which culminates in an IB exam that can earn college credit. Only students who have completed both year are eligible to sit for the exam. This rigorous course continues the work of year one, with a strong emphasis on: Ecology, Botany, Photosynthesis and Cellular Respiration, Digestive System, Circularity System, Immunity, Gas Exchange, Nervous System, Muscle Contraction, The Kidney and Excretion, and Reproductive System.		✓	✗	✗	✗	✗	✗



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	<p><b>Introduction to IB Chemistry</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-08707	1	<p>Successful completion of Algebra I or Algebra I with Math Lab strongly recommended.</p> <p>A laboratory study of the chemical and physical properties of matter. Topics include observation and measurement, molecular relationships, atomic structure and theory, energy change and qualitative analysis and organic chemistry. Additional emphasis is placed on the IB science laboratory format. Science credit cannot be given for both Introduction to IB Chemistry and Chem-Com, or Introduction to IB Chemistry and Chemistry.</p>	<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
	<p><b>IB Chemistry</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-08708	1	<p>IB Chemistry is designed to be the equivalent of a first-year college chemistry course. Heavy emphasis is placed on more involved laboratory experiments as well as organic chemistry. Testing by IB can give advanced placement in most colleges.</p>	<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
	<p><b>IB MYP 9<sup>th</sup> Grade History</b></p>	9 ✓	10 ✗	11 ✗	12 ✗	SOC-00005	1	<p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for Social Studies with a focus on U.S. history from the Reconstruction to the present.</p>	<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
	<p><b>IB MYP World History Survey (NEW)</b></p>	9 ✗	10 ✓	11 ✗	12 ✗	SOC-00006	1	<p>Prerequisite: IB MYP 9th Grade History</p> <p>This course features an abridged look at many of the major civilizations in World History. Students currently enrolled in 9th grade U.S. History would take this class as a continuation of their Social Studies experience. It is of similar pacing and rigor to 9th Grade U.S. History. In this course, students will be exposed to many different aspects of civilization, including: the social, political, and economic aspects that form the foundation of society. Students will also study the interaction between humans and the environment, as well as the unique cultural elements across these civilizations. Students will be challenged to build skills in the following areas: active listening, small-group collaborative skills, critical thinking, analysis, reading and academic writing. Students will be expected to follow normal classroom procedures and be open-minded to and respectful of differing opinions.</p> <p>This course meets the requirements for the IB Middle Years Program and the Social Studies Standards of Wisconsin.</p>	<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<p><b>IB MYP Ancient to Early Modern World History</b></p> <p><b>(NEW)</b></p>	9	10	11	12	SOC-00007	1	<p>Prerequisite: IB MYP 9th Grade History</p> <p>This course helps students deeply engage with the ancient, medieval, and early modern world. This depth of content allows students to gain all of the skills of our MYP World History Survey course as well as:</p> <ul style="list-style-type: none"> <li>formulating and effectively following a comprehensive action plan to investigate a research question through a research paper.</li> <li>consistently documenting sources of information using a recognized convention of footnotes/bibliographies using the Chicago Manual of Style.</li> <li>completing a detailed discussion of sophisticated concepts, issues, models, visual representation and theories.</li> <li>developing self-management skills that allow students to become balanced learners, completing required readings both during and outside of the school day.</li> </ul> <p>This course prepares students for IB Contemporary History I and IB Contemporary History II. Topics include social, political, and economic interaction between humans and the environment and cultural elements in Asia, Africa, Europe and Latin America. Emphasis is placed on evaluation of sources, academic reading and writing, critical thinking using the characteristics of the IB learner profile.</p> <p>This course meets the requirements for the IB Middle Years Program and the Social Studies Standards of Wisconsin.</p>		Case	Horlick	Park	REAL	Walden	Virtual
	9	10	11	12	SOC-08703	1	<p>This college level course examines topics about the social, political, diplomatic, military and economic history of Europe and the world from the mid-19th century through the Second World War. Emphasis is placed on evaluation of sources, academic reading and writing, and critical thinking using the characteristics of the IB learner profile. IB History is an HL, which means that it is a 2-year course.</p>		Case	Horlick	Park	REAL	Walden	Virtual
	9	10	11	12	SOC-08723	1	<p>The history of Europe and the world from the Second World War to the present with emphasis on causes, practices and effects of War in the 20th Century, rise and rule of single party states, the Cold War, and the interactions of selected 20th century states in Asia, Europe and the Americas. Students write a major historical investigation and complete a self-guided study of basic government and personal finances. Emphasis is placed on evaluation of sources, academic reading and writing, and critical thinking using the characteristics and elements of the IB learner profile. IB History is an HL, which means that it is a 2-year course.</p>		Case	Horlick	Park	REAL	Walden	Virtual



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<p><b>IB Theory of Knowledge</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-08729</p>	<p>0.5 (JR) 0.5 (SR)</p>	<p>The overall aim of Theory of Knowledge (TOK) is to encourage students to formulate answers to the question “how do you know?” in a variety of contexts, and to see the value of that question. This allows students to develop an enduring fascination with the richness of knowledge. It is a course that develops critical thinking and encourages students to inquire into the process of knowing with emphasis on discussion and reflection. It provides an opportunity for students to reflect on the nature of knowledge and to make connections between areas of knowledge through an interdisciplinary approach to learning. Both semesters during the two years are required to earn the Full Diploma.</p> <p>Scheduling Note: Students enroll in IB Theory of Knowledge second semester of Junior year for 0.5 cr and first semester of Senior year for 0.5 cr for a total of 1 full credit.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB Psychology</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-08730</p>	<p>1</p>	<p>IB Psychology is a rigorous course that encompasses the scientific study of mental processes and human/animal behavior. Students explore the biological, cognitive, and sociocultural perspectives of this field with an emphasis on the most current research in the field of psychology. It includes learning about psychological research methods as well as quantitative and ethical research considerations. The completion of an experimental study is required.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP Design 10</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>TEC-00059</p>	<p>1</p>	<p>MYP design challenges all students to apply practical and creative thinking skills to solve design problems; encourages students to explore the role of design in both historical and contemporary contexts; and raises students’ awareness of their responsibilities when making design decisions and taking action. Inquiry and problem-solving are at the heart of the subject group. MYP design requires the use of the design cycle as a tool, which provides the methodology used to structure the inquiry and analysis of problems, the development of feasible solutions, the creation of solutions, and the testing and evaluation of the solution. In MYP design, a solution can be defined as a model, prototype, product or system that students have developed and created independently.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP Spanish 1</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00005</p>	<p>1</p>	<p>Introduction to the Spanish language and cultures of Spanish-speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, movies, music, Internet activities, and realia help students learn. Active participation is required. *NOT recommended for proficient Spanish speakers, please see course description for IB MYP Spanish for Heritage Speakers 1.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<p><b>IB MYP Spanish 2</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00006</p>	<p>1</p>	<p>Prerequisite: Successful completion of IB MYP Spanish 1.</p> <p>This is a continuation of IB MYP Spanish 1 with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP Spanish 3 (NEW)</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✗</p>	<p>WLS-00012</p>		<p>Prerequisite: Successful completion of MYP Spanish 2 or oral proficiency in Spanish as determined by examination by the Spanish Department.</p> <p>Taught in the target language students' move toward an intermediate level of proficiency with aspects of contemporary Latin and Hispanic culture emphasized in this class. Students will develop a respect for, and understanding of, diverse linguistic and cultural heritages. Students will be assessed using a variety of methods with emphasis on oral expression and aural comprehension. This course fosters curiosity, inquiry, and a lifelong interest in, and enjoyment of, language learning.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB Spanish 4</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>WLS-00003</p>	<p>1</p>	<p>Prerequisite: Third-Year Spanish. (grade of "C" or better). Prepares students to take the International Baccalaureate Language B exams at either the standard or higher level. These courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the standard-level exam will be able to understand native Spanish speakers; students preparing for the higher-level exam will be able to communicate fluently at native speed.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB/Fifth-Year Spanish</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>WLS-08741</p>	<p>1</p>	<p>Prerequisite: Successful completion of Fourth-Year Spanish.</p> <p>A humanities course conducted in Spanish intended for intermediate mid to intermediate high speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects through concepts and skills introduced and explored in class, which enable students to participate in class discussions and activities in a meaningful way.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>





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<p><b>IB MYP Heritage Spanish 1</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00007</p>	<p>1</p>	<p>Prerequisite: Oral proficiency in Spanish as determined by examination by the Spanish Department.</p> <p>This course is designed for students who have some command of the Spanish language and/or were brought up in a Spanish-speaking environment. The curriculum will be focused on Latino and Hispanic themes relevant to students with emphasis on reading and writing. Successful completion of this course will qualify students for Spanish III.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP French 1</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00008</p>	<p>1</p>	<p>Introduction to the French language and cultures of French -speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, CDs, DVDs, music, Internet activities, and realia help students learn. Active participation is required.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP French 2</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00009</p>	<p>1</p>	<p>Prerequisite: Successful completion of IB MYP French 1.</p> <p>This is a continuation of IB MYP French 1 with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP French 3 (NEW)</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00013</p>	<p>1</p>	<p>Prerequisite: Successful completion of IB MYP French 2.</p> <p>Taught in the target language student's move toward an intermediate level of proficiency with aspects of contemporary francophone culture emphasized in this class. Students will be assessed using a variety of methods with emphasis on oral expression and aural comprehension. This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB/Fifth-Year French</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>WLS-08736</p>	<p>1</p>	<p>Prerequisite: Successful completion of Fourth-Year French.</p> <p>Intended for high intermediate to low advanced speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects through concepts and skills introduced and explored in class, which enable students to participate in class discussions and activities in a meaningful way.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<b>IB MYP German 1</b>	9 ✓	10 ✗	11 ✗	12 ✗	WLS-00010	1	<p>Introduction to the German language and cultures of German - speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, CDs, DVDs, music, Internet activities, and realia help students learn. Active participation is required.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages</p> <p>Prerequisite: Successful completion of IB MYP German 1.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<b>IB MYP German 2</b>	9 ✓	10 ✓	11 ✗	12 ✗	WLS-00011	1	<p>This is a continuation of IB MYP German 1 with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.</p> <p>This course meets requirements of IB Middle Years Program in addition to the Wisconsin Standards for World languages.</p> <p>Prerequisite: Successful completion of IB MYP German 1.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<b>IB MYP German 3 (NEW)</b>	9 ✗	10 ✓	11 ✗	12 ✗	WLS-00014		<p>While the emphasis is still on speaking German, more time is spent on developing writing skills and reading a variety of cultural materials. Students will acquire more fluent communication skills to promote success at higher levels.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<b>IB/Fifth-Year German</b>	9 ✗	10 ✗	11 ✗	12 ✓	WLS-08732	1	<p>Prerequisite: Successful completion of Fourth-Year German.</p> <p>A humanities course conducted in German, intended for nearly fluent speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗

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ART

The Art Departments offer a variety of courses to meet the needs of students with a wide range of aptitudes, interests and abilities. Beginning courses are offered for all students. These courses introduce art concepts in a studio setting. Art History, on the other hand, is primarily an academic course. All art courses, beginning or advanced, may be used to fulfill the Fine Arts requirements for graduation. Student lab fees will be charged for art classes as listed below. *Fees can be waived for qualifying students.*

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
Independent Study Art	9 ✗	10 ✗	11 ✗	12 ✓	ART-02111	0.5	\$ \$20	Prerequisite: Department chairperson and instructor approval required and successful completion of a beginning and advanced level course in the intended area of study.  This study is for students who would like to continue study in one distinct area and has completed both beginning and advanced classes in that area. A student lab fee will be charged.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✗
Art History	9 ✗	10 ✓	11 ✓	12 ✓	ART-02112	0.5		Art History explores the relevance and impact art and artists have had on our modern culture, with a study of visual art through the examination of art movements and masterpieces by famous artists. Students will understand the historical context in which the art was created. Course assignments may include hands-on activities, but the emphasis will be on fine arts appreciation.		Case ✓	Horlick ✗	Park ✓	REAL ✓	Walden ✗	Virtual ✗
3D Beginning Art Metals (Jewelry)	9 ✓	10 ✓	11 ✓	12 ✓	ART-02113	0.5	\$ \$10	Students will develop creativity along with fine craftsmanship through a logical sequence of art metal projects. Techniques such as piercing, manipulation, and soldering will be taught while using brass, copper & nickel silver. Emphasis is placed on two-dimensional design and three-dimensional design. A student lab fee will be charged.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗
3D Advanced Art Metals (Jewelry)	9 ✗	10 ✓	11 ✓	12 ✓	ART-02114	0.5	\$ \$20	Prerequisite: Successful completion of 3D Beginning Art Metals (Course No. 2113) OR teacher recommendation.  This course is for the student who was very successful at the beginning level. Students will build upon knowledge learned in Beginning art metals to create more advanced personal Jewelry. New techniques will be taught to enhance an artist's abilities to create original designs. A student lab fee will be charged.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗
3D Beginning Ceramics	9 ✓	10 ✓	11 ✓	12 ✓	ART-02115	0.5	\$ \$10	Students will experience basic clay construction techniques; pinch, coils, slabs, molds, and glazing, as well as the technical aspects of working with clay, such as clay preparation and process, construction methods, and glazing and firing. Students will explore different techniques of finishing a ceramic surface. Students will gain an understanding of the history of ceramics and its influence on different cultures. Beginning Ceramics focuses on hand building techniques such as coil, slab, and pinch to create functional pieces such as Mugs, bowls, vases, and containers. A student lab fee will be charged.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗
3D Advanced Ceramics	9 ✗	10 ✓	11 ✓	12 ✓	ART-02116	0.5	\$ \$20	Prerequisite: Successful completion of 3D Beginning Ceramics (Course No. 2115) OR teacher recommendation.  This class is for the student who was very successful at the beginning level. Advanced problems in construction, decorative techniques, finishing, and potter's wheel experiences. Dress for a fun mess. A student lab fee will be charged.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗



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<b>3D Beginning Sculpture</b>	9 ✓	10 ✓	11 ✓	12 ✓	ART-02119	0.5	\$ \$10	Students will be introduced to sculptural art. Beginning exploration of sculpture as three-dimensional fine art. Students will use subtractive and additive methods using a variety of materials. A student lab fee will be charged.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✗
<b>3D Advanced Sculpture</b>	9 ✗	10 ✓	11 ✓	12 ✓	ART-02120	0.5	\$ \$20	Prerequisite: Successful completion of 3D Beginning Sculpture (Course No. 2119) OR teacher recommendation.  Advanced Sculpture is for the serious artist who excelled in beginning sculpture and would like to build upon those skills. Students will learn advanced techniques to create sculptures. A student lab fee will be charged.	Case ✗	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✗
<b>2D Beginning Drawing/Design</b>	9 ✓	10 ✓	11 ✓	12 ✓	ART-02121	0.5	\$ \$10	This course will help students learn how to communicate meaning, emotions, and develop design projects based on using the elements and principles of design. Spatial design, interior and exterior designs. They will use a wide range of media to develop and finish their art works. A student lab fee will be charged.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✗
<b>2D Advanced Drawing/Design</b>	9 ✓	10 ✓	11 ✓	12 ✓	ART-02122	0.5	\$ \$20	Prerequisite: Successful completion of 2D Beginning Drawing and Design (Course No. 2121) OR teacher recommendation.  This class is for the student who was very successful at the beginning level. Advanced design work with greater variety of media and tools, with some emphasis on commercial art. A student lab fee will be charged.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✗
<b>2D Beginning Painting</b>	9 ✓	10 ✓	11 ✓	12 ✓	ART-02123	0.5	\$ \$10	Students will learn the fundamentals and instruction in drawing and painting. Students will be introduced to color theory. Students will explore a wide range of media including watercolor, tempera, pastel and a variety of drawing materials. A student lab fee will be charged.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	VIRTUAL COURSE INFO
<b>2D Advanced Painting</b>	9 ✗	10 ✓	11 ✓	12 ✓	ART-02124	0.5	\$ \$20	Prerequisite: Successful completion of 2D Beginning Drawing and Painting (Course No. 2123) OR teacher recommendation.  This class is for the student who was very successful at the beginning level. Students will experience advanced work in painting with expanded exploration of a range of media, materials and tools. Students will use acrylic paint and complex watercolor techniques and mixed media. A student lab fee will be charged.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✗
<b>2D Beginning Printmaking</b>	9 ✓	10 ✓	11 ✓	12 ✓	ART-02125	0.5	\$ \$10	A beginning course to introduce drawing and processes of printmaking, which produces multiple copies. A variety of processes such as woodcuts, linoleum prints, etching, stamping and silkscreen may be used. A student lab fee will be charged.	Case ✗	Horlick ✗	Park ✓	REAL ✓	Walden ✗	Virtual ✗
<b>2D Advanced Printmaking</b>	9 ✗	10 ✓	11 ✓	12 ✓	ART-02126	0.5	\$ \$20	Prerequisite: Successful completion of 2D Beginning Drawing and Printmaking (Course No. 2125) OR teacher recommendation.  Students will explore advanced problems in drawing and printmaking and graphics processes. Students will attain a knowledge of printmaking and its relationship to history, culture and methods. A student lab fee will be charged.	Case ✗	Horlick ✗	Park ✓	REAL ✓	Walden ✗	Virtual ✗



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Course	9	10	11	12	Course ID	Credits	Fee	Description	AP	Case	Horlick	Park	REAL	Walden	Virtual
2D Studio Art	✗	✓	✓	✓	ART-02127	1	\$20	Prerequisite: Successful completion of three courses in 2D art one of which must be at the Advanced level. Advanced assignments in drawing, design, painting, or printmaking with an emphasis on developing personal directions. A student lab fee will be charged.		✓	✗	✓	✓	✓	✗
3D Studio Art	✗	✓	✓	✓	ART-02128	1	\$20	Prerequisite: Successful completion of three courses in 3D art one of which must be at the Advanced level. Advanced assignments in three-dimensional areas. Emphasis on personal direction. A student lab fee will be charged.		✓	✗	✓	✓	✓	✗
AP 2D Studio Art – Design/Drawing	✗	✗	✓	✓	ART-02129	1	\$20	A demanding advanced art course designed for the serious art student who has proven competency and interest in art. Provides maximum individualized instruction toward a personal direction of visual problem solving and research information. Students will produce drawings, designs, painting, and prints that culminate in the assembly of a personal portfolio. College credit may be earned. The AP exam is taken for college credit. A bound sketchbook is required. A student lab fee will be charged.	AP	✗	✓	✓	✗	✓	✗
AP 3D Studio Art	✗	✗	✓	✓	ART-02130	1	\$20	A demanding advanced art course designed for the serious art student who has proven competency and interest in art. Providing maximum individualized instruction toward a personal direction of visual problem solving and research information. Students will produce ceramics, sculpture, jewelry, textiles and mixed media that culminate in the assembly of a personal portfolio. College credit may be earned. The AP exam is taken for college credit. A bound sketchbook is required. A student lab fee will be charged.	AP	✗	✗	✓	✗	✓	✗
IB Art 1	✗	✗	✓	✓	ART-08750	1	\$20	Prerequisite: Successful completion of one introductory and one advanced course in either Draw/Design, Draw/Paint, or Draw/Printmaking. IB Studio Art is designed to prepare the serious art student for advanced studies in art. Students will research artists, careers and develop a portfolio of personal artworks using a range of media and subject matter of the students' choice. Students will acquire the ability to curate art and its relationships to culture, history and media. Student and instructor will determine the focus of study. The lifetime hobby artist will also benefit from this course. The IB exam is optional. IB/Studio Art exhibition is required. A bound sketchbook is required. A student lab fee will be charged.	ib	✓	✗	✗	✗	✗	✗
IB Art 2	✗	✗	✓	✓	ART-08751	1	\$20	Prerequisite: Successful completion of three courses of art, one of which must be at the Advanced level and must come from both 2D and 3D course options. This course is designed to prepare the serious art student for advanced studies in art. Art career exploration and portfolio preparation is offered. In addition to regular Studio Art coursework, students must expect to do outside research to meet requirements for IB credit. The lifetime hobby artist will also benefit from this course. The IB exam is available for group 6 and/or college credit. IB Art exhibition is required. A bound sketchbook is required. A student lab fee will be charged.	ib	✓	✗	✗	✗	✗	✗





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## BUSINESS, MARKETING, AND INFORMATION TECHNOLOGY

Business and Information Technology courses, based on today’s ever-changing world of business, marketing, finance, and information technology is to offer students the chance to discover and master the fundamental knowledge and skills needed to succeed in business – and succeed in life.

All students are encouraged to join one of two related student leadership organizations: **FBLA** (Business) or **DECA** (Marketing). Career and Technical Student Organizations (CTSO) are a basic component of Career and Technical education programs, found in middle and high schools throughout Wisconsin that support and enhance school and work-based learning. They provide students with skills and knowledge that will help them succeed in the global economy. The benefits to students who join FBLA or DECA include: to achieve high academic and occupational standards, developing a network of meaningful business partnerships, linking school-based learning to the real world of work and family, motivating youth to become better students and productive citizens developing school and community leaders, and enhancing student self-esteem and self-confidence. Students are able to participate in leadership labs, volunteering and giving back to the community, as well as local, regional, state, and national competitions.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>Business Seminar</b>	✓	✓	✓	✓	BMI-00009	0.5		Business Seminar will give students the opportunity to learn about business and its three areas: Accounting, Information Technology, and Marketing. This project-based class will provide students with insight to how local business and industry operate. Through hands-on practice, students will be exposed to concepts in business management, marketing, finance, information technology, and entrepreneurship.		✓	✓	✓	✗	✗	✗
<b>Income Tax Accounting</b>	✗	✗	✗	✓	BMI-00010	1		Prerequisite: Successful completion of Accounting Principles and Software Applications.  Students will learn about the basics of Federal and Wisconsin income tax laws and how to prepare manual and electronic individual, basic federal, and corporate tax returns. Students will also learn about exemptions, gross income, deductions, credits, and other tax code areas.		✓	✓	✗	✗	✗	✗
<b>Selling Principles</b>	✗	✗	✓	✓	BMI-00011	0.5		Prerequisite: Successful completion of Business Seminar and Computers for Professionals.  Students will be provided a basic understanding of the consultative selling process. Students will be building a solid foundation in the professional sales process, examining the characteristics of a successful salesperson, buyer behavior, communication styles, and ethics. Case problems, role playing scenarios, and sales presentations will be used to further student understanding.		✓	✓	✓	✗	✗	✗
<b>Project Lead the Way - Computer Science Essentials</b>	✓	✓	✓	✓	BMI-00014	1		Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science A.		✓	✓	✓	✗	✗	✗



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<p><b>Project Lead the Way - Computer Science Principles</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	BMI-00015	1	<p>Prerequisite: Successful completion of Project Lead The Way – Computer Science Essentials.</p> <p>Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. This course is endorsed by the College Board, giving students the opportunity to take the AP Computer Science Principles exam for college credit.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<p><b>Project Lead The Way - Computer Science A</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	BMI-00016	1	<p>Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. This course is endorsed by the College Board, giving students the opportunity to take the AP Computer Science A exam for college credit.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<p><b>Java Programming</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	BMI-00017	0.5	<p>Prerequisite: Successful completion of PLTW Computer Science Essentials.</p> <p>The course introduces the student to the fundamentals of object-oriented programming using the Java programming language. Students will learn the core aspects of Java including how to write and debug Java code. Labs and hands-on projects are a required element to this class and provide the student with experience working with the Java language.</p>		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>Internet of Things: Connecting Devices</b> <i>(NEW)</i></p>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-00023		<p>In this course, learners are introduced to the interconnection of data, people, processes and things that forms the Internet of Things (IoT). Learners will differentiate among smart devices, connected devices, and Internet of Things (IoT) devices. Machine-to-machine (M2M), machine-to-people (M2P), and people-to-people (P2P) connections in an IoT solution will be examined. Security concerns that must be considered when implementing IoT solutions will be investigated. Upon completion of the course, learners will be able communicate with data over networks to IoT frameworks.</p>		Case ✗	Horlick ✓	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<p><b>CompTIA IT Fundamentals</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	BMI-00022	1	<p>The CompTIA IT Fundamentals course focuses on the essential IT skills and knowledge needed to perform tasks commonly performed by advanced end-users and entry-level IT professionals alike, including: using features and functions of common operating systems and establishing network connectivity, identifying common software applications and their purpose, using security, and web browsing best practices.</p>		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>Keyboarding Applications</b></p>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-03210	0.5	<p>This is the basic keyboarding course, a prerequisite to most computer classes, but may be taken for exploratory or personal use. Emphasis is given to keying by touch. Students may earn Gateway Technical College credits in this course.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>Computers for Professionals</b></p>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-03211	0.5	<p>Computers for Professionals is a dual credit course with Gateway Technical College. This hands-on course will provide students with the computer skills needed for all areas of business. Students will have the opportunity to earn the Microsoft Office Specialist certification in Word, Excel, and PowerPoint. Additional competencies include Internet research, electronic communications, organization, and social media.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✗



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<b>Introduction to Business</b>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-03220	0.5	This course is designed to help students develop a basic understanding of the business world of the 21st Century. Students will explore business ownership, planning, operations, marketing, economics, business basics, consumerism, finance, credit and employment as it relates to business management concepts and leadership styles. Students may earn Gateway Technical College credits in this course.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✗
<b>Personal Finance</b>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-03221	0.5	Successful completion of this course will help prepare students for economic independence. Earning a living, budgeting, credit, saving and investing, purchasing goods and services, and understanding various services are covered. Students may earn Gateway Technical College credits with a B grade or better in this course.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✓	VIRTUAL COURSE INFO
<b>Business Law</b>	9 ✗	10 ✓	11 ✓	12 ✓	BMI-03223	0.5	Prerequisite: Successful completion of Business Seminar and Computers for Professionals.  Students will be introduced to relevant legal issues that affect business today. Students will learn the fundamentals of law from the U.S. Constitution to the Uniform Commercial Code, from Contract Law to Property Law, and will be able to identify the legal basis of various business activities.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Web Programming</b>	9 ✗	10 ✗	11 ✓	12 ✓	BMI-03224	0.5	Prerequisite: Successful completion of PLTW Computer Science Essentials.  This course teaches students essential Web page development skills. Students will build an understanding of how to manage the Application Life Cycle, build the User Interface by Using HTML5, and format the User Interface by Using CSS. Other topics include validating HTML and CSS code, recognizing the importance of marketing, and implementing fundamental design concepts.		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Entrepreneurship</b>	9 ✗	10 ✓	11 ✓	12 ✓	BMI-03225	0.5	Prerequisite: Successful completion of Business Seminar and Computers for Professionals.  Students will explore what it takes to start up, own and operate a small business. Students will create a business plan by learning about course topics such as entrepreneurship concepts, researching and planning a small business, business ownership, marketing strategies, economics, communications, and financial management.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✓	VIRTUAL COURSE INFO
<b>Marketing Principles</b>	9 ✗	10 ✓	11 ✓	12 ✓	BMI-03228	0.5	Prerequisite: Successful completion of Business Seminar and Computers for Professionals.  This is a foundational course that introduces students to the principles of marketing. You will study the foundations of marketing on a more in-depth level. This course will instruct students in the functions of marketing, the four P's of marketing, human relations and communications (people skills). Small group-oriented instruction and organization will allow the student to achieve a true "hands-on" experience.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗





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	9	10	11	12												
<b>Retailing and Promotional Principles</b>	✗	✗	✓	✓	BMI-03229	1	Prerequisite: Successful completion of Marketing Principles and Selling Principles.  Retailing provides the student with a basic understanding of the retail environment. The course includes: the retail structure, basic factors involved with store location, product line, fixtures and equipment. The course will also focus on major trends in retailing, along with strategies used in staffing, maintaining personnel, merchandise planning and control, and strategies in merchandise buying and receiving. Students are introduced to the theory and practice of integrated marketing communications. An understanding of the promotional elements; advertising, direct marketing, public relations, sales promotion, and digital marketing with emphasis placed on implementation of integrated marketing communications (IMC) in planning marketing and promotional programs will be integrated into this course. This class includes working with the school-based enterprise. Students may combine this course with the Marketing Co-op to earn industry experiences and certifications.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗		
<b>Accounting Principles and Software Applications</b>	✗	✓	✓	✓	BMI-03240	1	Prerequisite: Successful completion of Business Seminar and Computers for Professionals.  Students will learn about the language of business and accounting through these dual credit courses with Gateway Technical College. Fundamental concepts of accounting including financial statement preparation, journal entries, posting, adjusting and closing entries will be covered.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗		
<b>Employability Skills</b>	✓	✓	✓	✓	BMI-03250	0.5	This course provides instruction in how to get a job and how to keep it, occupational characteristics, and preparation requirements. Employment readiness and career development are emphasized. Students will develop a job portfolio to help them secure employment.		Case ✓	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗		
<b>IT Essentials</b>	✗	✓	✓	✓	BMI-03301	1	Prerequisite: Successful completion of PLTW Computer Science Essentials.  IT Essentials focuses on the relationship between hardware and system software. The course topics include PCs, peripherals, networking, security, troubleshooting, and communication skills. IT Essentials is an introductory course that presents a foundation toward the pursuit of CompTIA A+ certification		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗		





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Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>AP Research</b>	X	X	✓	✓	GUI-00001	1	Prerequisite: AP Seminar.  AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Student's design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.		X	✓	✓	X	X	X	
<b>AP Seminar</b>	X	✓	✓	✓	GUI-00002	1	This course is offered at the 11th and 12th grade levels and 10th grade by recommendation at Horlick and Park HS. AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.		X	✓	✓	X	X	X	
<b>Senior Seminar</b>	X	X	X	✓	GUI-02240	1	This is a capstone course for seniors at The Racine Engineering Arts & Leadership School (R.E.A.L.). Students enrolled in this course refine their portfolios with completed resumes, service-learning projects, and STEM projects with emphasis on the engineering design process. To conclude their early college experience students are provided strategies for effective time management, financial literacy and applications, study skills, goal setting, communication and technological use that will promote success in college/career and life. Students will conduct career and college research to facilitate a career plan. Class activities are designed to support students in applying for, selecting, and preparing for a college or career transition post high school graduation. Student's plan, engage, and role model leadership skills through school-wide and college-based activities. This is a required course for all seniors at The R.E.A.L. School.		X	X	X	✓	X	X	
<b>Work Experience</b>	X	X	X	✓	GUI-07190	2	Prerequisite: Staff Recommendation.  The Work Experience program allows students to earn additional credits in their senior year through employment in the community. The student's performance is evaluated and graded as in a regular class.		✓	✓	✓	✓	✓	X	



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	9	10	11	12												
<b>Off-Campus Credit: College Course</b>	✓	✓	✓	✓	GUI-07192	.25/1 PS credit	Prerequisite: Staff Approval. A course offered at a university, college or technical school, paid for by the student. This is a Pass/Fail course. Pre-college program credits will be accepted.			Case	Horlick	Park	REAL	Walden	Virtual	
<b>Employment</b>	✓	✓	✓	✓	GUI-07194	.5-1	Prerequisite: Staff Approval. An employment experience of a minimum of 160 hours during the school year. This experience may be repeated for a total of 1 credit (320 hours). This is a Pass/Fail course. A maximum of one (1) credit may be earned toward graduation.			Case	Horlick	Park	REAL	Walden	Virtual	
<b>Foreign-Domestic Travel</b>	✓	✓	✓	✓	GUI-07195	0.5	Prerequisite: Staff Approval. A supervised experience of at least six (6) weeks under the auspices of an organized study group (paid by the student). This is a Pass/Fail course. Pre-college program credits will be accepted.			Case	Horlick	Park	REAL	Walden	Virtual	
<b>Self-Improvement Course</b>	✓	✓	✓	✓	GUI-07197	0.5	Prerequisite: Staff Approval. An instructional experience of at least 60 hours duration (paid by the student). This is a Pass/Fail course. Pre-college program credits will be accepted.			Case	Horlick	Park	REAL	Walden	Virtual	
<b>Volunteer Experiences</b>	✓	✓	✓	✓	GUI-07198	.5-1	Prerequisite: Staff Approval. An experience of voluntary community service of 80 hours. A maximum of one (1) credit (160 hours) may be earned toward graduation. This is a Pass/Fail course.			Case	Horlick	Park	REAL	Walden	Virtual	
<b>Freshman Seminar</b>	✓	✗	✗	✗	GUI-20000	1	This is a foundational course for the Academies of Racine. Students enrolled in this course undergo exploration of what makes them unique and how they can apply themselves for future success. Students are provided strategies for effective time management, study skills, goal setting organization, communication, and technology use that will promote success in school and life. Class activities are designed to support students in selecting a career academy for their sophomore year. Students will conduct career and college research to facilitate their career plan. Students will have an opportunity to fill out employment applications, explore creating dynamic resumes, and attend a career exploration experience. This is a required course for all freshmen at Case, Horlick, and Park High Schools.			Case	Horlick	Park	REAL	Walden	Virtual	



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<p><b>IB MYP Freshman Seminar</b>  <b>(NEW)</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>GUI-00009</p>		<p>Freshman Seminar is a class designed to help students transition to High School as well as explore themselves and their interests in order to choose the Career Pathway that best fits them. This is a foundational course for the Academies of Racine experience. Students enrolled in this course will undergo exploration of what makes them unique and how they can channel themselves into future successes. Students will strengthen their own Approaches to Learning that will aid them in self-discovery and confidence as learners. Students will engage in activities to uncover skills, IB Learner Profile traits, and goals that will help them select a career pathway that they will enroll in for their sophomore year. Further, students will conduct career and college research to facilitate their career plan. To that end, students will have an opportunity to fill out applications, learn how to create dynamic resumes, participate in interviews and attend a career exploration experience or two.</p> <p>This is a required course for all freshmen at the Academies of Racine Case and meets components of the IB Middle Years Program.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Start College Now</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>GUI-00003</p>	<p>.25/1 PS credit</p>	<p>Prerequisite: Staff, District Board of Education and Post-Secondary School Approval needed to enroll in course(s).</p> <p>These applications are for any institution within the Wisconsin Technical College System (technical college). Students must have earned appropriate grade-level credits. 10th grade students may apply but must have an 11th grade credit standing to be eligible for enrollment. Students must be enrolled full-time in Racine Unified School District in order to participate. Approved courses will be Pass/Fail for elective credit. For additional information, <a href="#">click here</a> or see your counselor.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>Early College Credit</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>GUI-00004</p>	<p>.25/1 PS credit</p>	<p>Prerequisite: Staff, District Board of Education and Post-Secondary School Approval.</p> <p>These applications are for any institution within the University of Wisconsin System, a tribally controlled college, or a private, nonprofit institution of higher education located in the state. Approved courses will be Pass/Fail for elective credit. For additional information, <a href="#">click here</a> or see your counselor.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>Teacher Assistant</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>GUI-80000</p>	<p>1 (max)</p>	<p>Prerequisite: Staff Approval.</p> <p>School Service is an experience as a teacher, office, or library aide. A maximum total of one credit may be applied toward graduation. This is a Pass/Fail course. Priority given to 11th and 12th grade students.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✗</p>



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ROPE	9	10	11	12	ADV-20001	0.5	<p>The Rite of Passage Experience is a formal and important set of actions done to mark the process of changing from one stage of life to another. R.O.P.E is a requirement for students who wish to graduate from Walden III. It is designed to demonstrate proficiency in the areas of English Language Arts, Social Studies, Science, Fine Arts, Physical Education/Health, Mathematics, and include World Language, if applicable.</p> <p>R.O.P.E. students are required to strive for proficiency in all areas using oral and/or written presentations before a R.O.P.E evaluator. The content evaluators guide the students through R.O.P.E. and assess the student's performance during the presentations.</p> <p>Preparation for the completion of R.O.P.E involves a written portfolio, a written senior thesis, and oral presentations. These serve as the focus for the R.O.P.E process.</p>	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✗	✓									





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# ENGLISH

The Racine Unified School District offers a variety of English courses to meet the various skill levels of all students. Successful completion of four years of English is required. Students must successfully complete a minimum of one-half credit of English during the last two semesters of high school.

- All students are recommended for one of two levels of courses. Students' grades, standardized assessment scores, and capacity to complete work will also become part of the decision to place students at their appropriate academic level in English.
- Those students who wish to move from Regular Level to Pre-AP or Pre-IB levels should discuss the move with their counselor and parent.

**Course Descriptions**

Sophomores, juniors, or seniors may elect one semester of Speech (#2261) instead of one semester of an **elective** English course. If the course is used as an English credit, the student cannot use the course to fulfill the Fine Arts requirement. All English courses have a minimum of 50% writing as part of their curriculum and grades. Research is embedded in all course work. All English courses, including senior electives, stress the development of writing, reading, speaking and listening.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>IB MYP English 9</b>	9 ✓	10 ✗	11 ✗	12 ✗	ELA-00011	1	Students will explore how individuals are affected by their choices, journeys, and interactions with others by inferring the meaning of text through many response formats including essays, journals, reading conferences, and project-based learning. Students will reflect on current events through both a local and global lens.  This course meets the requirements of IB Middle Years Program in addition to Common Core Reading, Writing, Speaking and Listening standards.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗	
<b>IB MYP Literature 9</b>	9 ✓	10 ✗	11 ✗	12 ✗	ELA-00012	1	Students will analyze the use of language as a vehicle for thought, creativity, reflection, and self-expression. Through the study and application of ideas in complex literary texts, students develop critical, creative, and personal approaches to analyzing current and historical events through a local and global lens.  This course meets the requirements of IB Middle Years Program in addition to Common Core Reading, Writing, Speaking and Listening standards.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗	
<b>Composition and Reading</b>	9 ✗	10 ✗	11 ✗	12 ✓	ELA - 00003	1	Prerequisite: Senior standing.  Composition and Reading is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Develops college-level competencies in writing and reading in a variety of subject and thematic contexts, with an emphasis on argumentation.		Case ✗	Horlick ✗	Park ✗	REAL ✗	Walden ✓	Virtual ✗	



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Course	9	10	11	12	Code	Credits	Description	Case	Horlick	Park	REAL	Walden	Virtual
<b>Introduction to Literature</b>	✗	✗	✗	✓	ELA-00002	1	Prerequisites: Senior standing.  Introduction to Literature is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. This course examines techniques of literary analysis and critical approaches to literature organized around examples of major genres (poetry, prose, and drama) selected chiefly from English and American writers.	✗	✗	✗	✗	✓	✗
<b>English Language Arts for Bilingual 1</b>	✓	✓	✗	✗	ELA-02201	1	Prerequisites: Students who participated in the Dual Language program in middle school, strong foundations in both Spanish and English literacy, and no parent refusal on file.  This full-year course incorporates all language domains of listening, speaking, reading, and writing. This full-year course incorporates all language domains of listening, speaking, reading, and writing. The texts, activities, and assessments have been designed to ensure student growth toward meeting the Common Core State Standards. Students will read a variety of authentic Latin American and Chicano American literature in both English and Spanish. Instruction is provided at a high academic level with alternating units in both English and Spanish, using appropriate, culturally relevant texts.	✓	✓	✓	✗	✗	✗
<b>English Language Arts for Bilingual 2</b>	✗	✗	✓	✓	ELA-02202	1	Prerequisite: English Language Arts for Bilingual-1 and/or meets the above criteria.  This full-year course is a continuation of English Language Arts-1 and incorporates all four language domains. The texts, activities, and assessments have been designed to ensure student growth toward meeting the Common Core State Standards. Students will read a variety of authentic Latin American and Chicano American literature in both English and Spanish. Instruction is provided at a high academic level with alternating units in both English and Spanish using appropriate, culturally relevant texts.	✓	✓	✓	✗	✗	✗
<b>English 9</b>	✓	✗	✗	✗	ELA-02211	1	The focus of this course is to continue reading and writing instruction at the high school level. Students work toward proficiency in Reading, Writing, Speaking and Listening standards.	✗	✓	✓	✓	✓	VIRTUAL COURSE INFO →
<b>Literacy Academy</b>	✓	✓	✓	✓	ELA-02217	1	Prerequisite: Placement by teacher and counselor.  This course is offered to students in grades 9-12 as an elective in order to provide additional reading and writing support. The reading and writing instruction emphasize skill building. Students work to read and write at a proficient level.  This course is an English elective and does not count toward the 4 credits of English required for graduation.	✓	✓	✓	✗	✓	✗
<b>English 10</b>	✗	✓	✗	✗	ELA-02221	1	At Case High School, the content of this course is American Literature.  At REAL, Park, Horlick and Walden, this one-year course examines World Literature. Students will read and interact with text of authors from around the world. ACT prep is a part of the curriculum.  Students work toward proficiency in Reading, Writing, Speaking and Listening standards.	✓	✓	✓	✓	✓	VIRTUAL COURSE INFO →



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Course	9	10	11	12	Code	Credits	Description	IB Logo	Case	Horlick	Park	REAL	Walden	Virtual	
<b>IB MYP English 10</b> <b>(NEW)</b>	✗	✓	✗	✗	ELA-00016	1	Prerequisite: IB MYP English 9  Students will explore how various groups of Americans are affected by their roles in society, and how society shapes their identities by analyzing and making inferences of fiction and non-fiction texts through various response formats. These formats include constructed response writings, essays, formal research presentations, informal class discussions, and projects. Students will reflect on current and historical events in America through an academy-focused lens and comparative global lens.  This course meets the requirements of IB Middle Years Program in addition to the Common Core Reading, Writing, Speaking and Listening standards.		✓	✗	✗	✗	✗	✗	✗
<b>IB MYP Literature 10</b> <b>(NEW)</b>	✗	✓	✗	✗	ELA-00013	1	Prerequisite: IB MYP English 9 (ELA-00011) or IB MYP Literature 9 (ELA-00012)  Students will analyze and evaluate how various groups of Americans are affected by their roles in society, society shapes their identities, literary genres and authors are influential through their works, and societies and histories affect literature. Students will focus on the function of language from the past and present, they will make inferences and create their own complex analyses of fiction and non-fiction text through individual and collaborative response formats. This includes essays, formal research presentations, speeches, Socratic Seminars, and individual and group projects. Students will reflect on current and historical events in America through an academy-based lens, literary criticism lenses, and a comparative global lens.  This course meets the requirements of the IB Middle Years Program, IB Diploma Program, and IB Career Program in addition to the Common Core Reading, Writing, Speaking, and Listening standards.		✓	✗	✗	✗	✗	✗	✗
<b>Pre-AP English 9</b> <b>(Name Change)</b>	✓	✗	✗	✗	ELA-02222	1	This is the first course in the Pre-AP/AP Program at Horlick and Park. Students may subsequently choose to continue in the AP program or move to regular level courses. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.	<b>Pre-AP</b>	✗	✓	✓	✗	✓	✗	
<b>IB Extended Essay and Creativity, Activity, and Service (CAS)</b>	✗	✗	✓	✗	ELA-02224	0.5 (JR)	Prerequisite: Successful completion of Sophomore Pre IB/Advanced English 10.  The course format and its goal are to promote high-level research and writing skills, intellectual discovery and creativity with a focus on international mindedness. It will provide students with an understanding of the extended essay and give them an opportunity to engage in research. The final product will be submitted their penultimate year of the Diploma Programme for external examination. In addition, this course will allow time for students to begin the required Full Diploma CAS (Creativity, Action, and Service) including writing reflections and providing evidence, individually as well as in group undertakings, as required by the IB CAS guidelines. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.		✓	✗	✗	✗	✗	✗	





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<b>English 11</b>	9 ✗	10 ✗	11 ✓	12 ✗	ELA-02231	1	At Case, this one-year course examines World Literature. Students will read and interact with text of authors from around the world. ACT prep is a part of the curriculum.  At Horlick, Park, REAL, and Walden, the content of this course is American Literature. ACT prep is a part of the curriculum. Students work toward proficiency in Reading, Writing, Speaking and Listening standards.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	VIRTUAL COURSE INFO
<b>Literature of Sports</b>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02232	0.5	Prerequisites: Senior standing.  The course examines how sports and athletes are a mirror of their societies. Ancient and contemporary sports will be discussed. Research is embedded in the course. Students work toward proficiency in Reading, Writing, Speaking and Listening standards.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Contemporary Literature</b>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02233	0.5	Prerequisites: Senior standing.  Students will examine late 20th century and 21st century authors through fiction, nonfiction, poetry, and drama. The course themes will explore our shared humanity, the value of listening to all voices, and the need to seek common ground. New concepts, ideas, and techniques unique to this period will be taught. Students work toward proficiency in Reading, Writing, Speaking and Listening standards.	Case ✓	Horlick ✗	Park ✓	REAL ✓	Walden ✗	Virtual ✗
<b>Science Fiction</b>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02234	0.5	Prerequisites: Senior standing.  Science Fiction studies different aspects of the genre through units such as Robots, Space, Invasion, and Time. The course explores the basic elements of literature including character, setting, plot and theme. A major goal of the class is to appreciate Science Fiction – what makes up a science fiction story and what patterns do we find when reading a Science Fiction story. We will explore questions such as: What if our creations turn against us? What does it mean to be human?	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗
<b>Literature and Media Studies</b>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02235	0.5	Prerequisites: Senior standing.  This course examines how newspapers, television, radio, film, magazines, books, and electronic communication shape society. Students will produce multimedia projects as part of their course assessments. Research is embedded throughout the course. Students work toward proficiency in Reading, Writing, Speaking and Listening standards.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>English 12</b>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02236	1	This one-year course examines British Literature. Students work toward proficiency in Reading, Writing, Speaking and Listening standards.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✓	VIRTUAL COURSE INFO
<b>Mystery: Means, Motive and Opportunity</b>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02237	0.5	Prerequisites: Senior standing.  Mystery studies different aspects of the genre through definition, investigation, logic, analysis and synthesis. The course explores the basic elements of literature including character, setting, plot and theme. A major goal of the class is to appreciate the mystery – what makes a mystery a mystery, what is the “whodunit,” how is a mystery solved, and learning to think in order to come to a strong conclusion are all vital aspects to be studied and practiced.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗



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<p><b>Pre-AP English 10</b> (Name Change)</p>	9 ✗	10 ✓	11 ✗	12 ✗	ELA-02242	1	This course is offered at Horlick and Park. It is recommended students successfully complete Pre-AP English 9. This course is a study of American Literature with special emphasis on the skills, background, and authors recommended for successful completion of the Advanced Placement English program. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.	<b>Pre-AP</b>	Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✗
<p><b>Advanced English 11</b></p>	9 ✗	10 ✗	11 ✓	12 ✗	ELA-02243	1	Analysis of classical and modern World Literature provides the core of this course. 50% of the course is composition to prepare for college level writing. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<p><b>AP Language and Composition</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	ELA-02244	1	AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situations, claims and evidence, reasoning and organization, and style.	<b>AP</b>	Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	VIRTUAL COURSE INFO →
<p><b>Writers of Modernism and Postmodernism</b></p>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02245	0.5	Completion of Adv. English course is recommended.  Students will study late 20th century and 21st century fiction, nonfiction, and poetic writers who examine the dilemma of contemporary humankind. Some art appreciation and history will be incorporated into the curriculum. Research during the semester will culminate in an independent project. Students work toward proficiency in Reading, Writing, Speaking and Listening standards.		Case ✓	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>Shakespeare</b></p>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02246	0.5	Completion of Adv. English course is recommended.  Students will examine Shakespeare's idea that "All the world's a stage...." Research during the semester will culminate in an independent project. Students work toward proficiency in Reading, Writing, Speaking and Listening standards.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>AP Literature and Composition</b></p>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02247	1	AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.	<b>AP</b>	Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	VIRTUAL COURSE INFO →
<p><b>English Writing and Usage</b></p>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02248	0.5	Completion of Adv. English course is recommended.  Students will use a standard freshman college writing text to complete 6 – 8 essays. Grammar and usage work will come from the students' writings.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>Creative Writing</b></p>	9 ✗	10 ✗	11 ✗	12 ✓	ELA-02251	0.5	Prerequisites: Senior standing.  Poetry, nonfiction, short stories, plays, and novels will be studied as genres, and students will write in all genres. The creation of a writing portfolio and performances/exhibition of student writing will be part of the quarter and semester assessment. Students will discover how writing offers an understanding of one's self and how that self relates to the world.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	VIRTUAL COURSE INFO →



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	9	10	11	12				Case	Horlick	Park	REAL	Walden	Virtual
<b>Newspaper Publication</b>	✓	✓	✓	✓	ELA-02253	1	Prerequisite: Advisor and Dept. Chair approval. Students compose and produce the school newspaper. Production includes writing stories, layout, and copyediting.  This course does not fulfill any English requirement.	✗	✗	✓	✗	✗	✗
<b>Yearbook Publication</b>	✓	✓	✓	✓	ELA-02254	1	Prerequisite: Advisor and Dept. Chair approval. The school yearbook is produced in this course. Students will sharpen their writing skills, artistic sense, and organization skills.  This course does not fulfill any English requirement.	✓	✗	✓	✗	✗	✗
<b>Speech</b>	✗	✗	✗	✓	ELA-02261	0.5	This is offered as an elective (STA-02261) for grades 9-12. This is a beginning course in principles of oral discourse designed to develop confidence and precision in classroom and public speaking. (If this course is taken in 9, 10, or 11 grade, as a fine arts elective credit, it may not be used for an English credit.)	✗	✗	✓	✗	✓	✗
<b>Pre-IB American Literature</b>	✗	✓	✗	✗	ELA-08704	1	This course is offered at Case HS. It is recommended students successfully complete Adv. English 9. This course is a study of American Literature with special emphasis on the skills, background, and authors recommended for successful completion of the IB English program. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.	✓	✗	✗	✗	✗	✗
<b>IB Lit I</b>	✗	✗	✓	✗	ELA-08705	1	Prerequisite: Pre-IB American Literature or teacher recommendation.  This course is the first year of the Higher Level (HL) Literature curriculum, which culminates in an IB exam that can earn college credit. This rigorous course examines texts in translation, as well as those written in English, and focuses on deep literary analysis and interpretation, as well as college-level academic writing.	✓	✗	✗	✗	✗	✗
<b>IB Lit II</b>	✗	✗	✗	✓	ELA-08728	1	Prerequisite: IB Lit 1 or teacher recommendation.  This course is the second year of the Higher Level (HL) Literature curriculum, which culminates in an IB exam that can earn college credit. Only students who have completed both years are eligible to sit for the exam. This rigorous course continues the work of year one, with a strong emphasis on interpreting college-level texts and the production of college-level academic writing.	✓	✗	✗	✗	✗	✗



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<p><b>IBCP Personal and Professional Skills 1</b> <b>(Name Change)</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✗</p>	<p>ELA-08729</p>	<p>0.5</p>	<p>Prerequisite: Junior standing. This course is offered at Case.</p> <p>This course is aimed at juniors entering into the IBCP pathway. Students in the Personal and Professional Skills course will focus on five central themes/units: personal development, intercultural understanding, effective communication, thinking processes, and applied ethics. The goal is to offer students the ability to grow as learners in keyways to be able to enter work and/or college careers with the traits and skills needed for success. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.</p> <p>Note: This course is an English elective and does not count toward the 4 credits of English required for graduation.</p> <p><b>Scheduling Note:</b> Students enroll in IBCP Personal and Professional Skills 1 second semester of Junior year.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IBCP Personal and Professional Skills 2</b> <b>(NEW)</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>ELA-00015</p>	<p>0.5</p>	<p>Prerequisite: Senior standing. This course is offered at Case.</p> <p>This course is aimed at Seniors in the IBCP pathway. Students in the Personal and Professional Skills course will focus on five central themes/units: personal development, intercultural understanding, effective communication, thinking processes, and applied ethics. The goal is to offer students the ability to grow as learners in keyways to be able to enter work and/or college careers with the traits and skills needed for success. The focus of this course is to challenge students to move beyond proficiency in Reading, Writing, Speaking and Listening standards.</p> <p>Note: This course is an English elective and does not count toward the 4 credits of English required for graduation.</p> <p><b>Scheduling Note:</b> Students enroll in IBCP Personal and Professional Skills 2 first semester of Senior year.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>





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**ENGLISH LANGUAGE LEARNER – ENGLISH AS A SECOND LANGUAGE**

The English as a Second Language (ESL) Program provides instruction to enable English Language Learners in developing the proficiency and competence needed to successfully participate in the required academic classes in high school and beyond. ESL classes may be taken for **elective** credit.

Eligibility Criteria: (1) English Language Proficiency (ELP) Composite Score of 1.0 through 4.9; (2) no parental refusal on file (see IC LEP tab); (3) ESL teacher recommendation. Please talk to your counselor, bilingual ELA teacher, or ESL teachers for more information.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>ESL- Newcomers I</b>	✓	✓	✓	✓	ELA-00008	0.5	Prerequisite: Less than 12 months in the United States and meets eligibility criteria of ELP Composite score of 1.0 through 2.9. (No parental refusal on file.)  Based on ESL teacher recommendation. Introductory level English course for new entrants based on ACCESS for ELLs scores. This entry level course is designed to develop the student's ability to process English in listening, speaking, reading comprehension, writing skills and vocabulary necessary for success in the mainstream classes. It will also develop the student's ability to construct meaningful and grammatically correct sentences and paragraphs referring as much as possible to the familiar experiences of the learner. Instruction is exclusively in the target language of English. <b>This is a one semester class.</b>		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗	
<b>ESL- Newcomers II</b>	✓	✓	✓	✓	ELA-00009	0.5	Prerequisite: Less than 12 months in the United States and meets eligibility criteria of ELP Composite score of 1.0 through 2.9. (No parental refusal on file.)  Based on ESL teacher recommendation. Introductory level English course for new entrants based on ACCESS for ELLs scores. This entry level course is designed to develop the student's ability to process English in listening, speaking, reading comprehension, writing skills and vocabulary necessary for success in the mainstream classes. It will also develop the student's ability to construct meaningful and grammatically correct sentences and paragraphs referring as much as possible to the familiar experiences of the learner. Instruction is exclusively in the target language of English. <b>This is a one semester class.</b>		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗	



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<p><b>ESL I</b></p>	9	10	11	12	ELA-02214	1	<p>Prerequisite: Meets eligibility criteria of ELP Composite score of 1.5 through 2.9 based on WIDA Screener or ACCESS for ELLs.. (No parental refusal on file.)</p> <p>Based on ESL teacher recommendation. This level addresses the language needs of beginning students as they adjust to an English-language academic environment in listening, speaking, reading and writing referring as much as possible to the familiar experiences of the learner. A greater emphasis is placed on the pupil to engage their command of vocabulary, sentence patterns and grammar. Instruction is in the target language of English. ELA and content area vocabulary and concepts will be addressed at an appropriate linguistic level. Instruction is exclusively in the target language of English.</p>	Case	Horlick	Park	REAL	Walden	Virtual
	✓	✓	✓	✓				✓	✓	✓	✗	✗	✗
<p><b>ESL II</b></p>	9	10	11	12	ELA-00010	1	<p>Prerequisite: Meets eligibility criteria of ELP Composite score of 2.5 through 3.9. (No parental refusal on file.)</p> <p>Based on ESL teacher recommendation. Intermediate level English course for ELLs based on ACCESS for ELLs scores. This course is a bridge between the ELA skills of the beginner courses and advanced level and mainstream courses. The Language Expectations and Language Functions of WIDA Standard 1 (Narrate, Inform, Explain and Argue) are interwoven and paired with standards for Language Arts, Math, Science, and Social Studies. This course continues to emphasize skills needed to understand, speak, read and write English. Both vocabulary and grammar are more complex. Sentence context continues to prompt the learner to include more complex structure and add new vocabulary, referring as much as possible to the academic language of the content areas. Instruction is exclusively in the target language of English.</p>	Case	Horlick	Park	REAL	Walden	Virtual
	✓	✓	✓	✓				✓	✓	✓	✗	✗	✗
<p><b>ELL Resource</b></p>	9	10	11	12	ELA-02197	1	<p>Prerequisite: ELL Status language proficiency levels 3.0-4.9. No parental refusal on file.</p> <p>Based on teacher recommendation. Note taking, outlining, test taking, and time management are some of the study skills included in this course. In addition to basic study skills instruction, students have the opportunity to receive individualized support in those skills and subjects that present academic challenges. Instruction is in the target language of English.</p>	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓				✓	✓	✓	✗	✗	✗





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**FAMILY AND CONSUMER SCIENCE**

Family and Consumer Sciences is the area of study which encompasses career and family elements. Students develop critical thinking, leadership and applied skills in each career pathway. All students are encouraged to join one of the two national student leadership organizations – **HOSA** (Future Health Professionals), or **FCCLA** (Family, Career and Community Leaders of America). These Career and Technical Student Organizations (CTSO) are components of career educational programs, found in middle and high schools throughout Wisconsin that support and enhance school and work-based learning. They provide students with skills and knowledge that will help them succeed in the global economy. The benefits to students who join a CTSO include: enabling students to achieve high academic and occupational standards, developing meaningful career and skill-developing partnerships, linking school-based learning to the real world of work and family, motivating youth to become better students and productive citizens, developing school and community leaders, and enhancing student self-esteem and self-confidence. Students participate in leadership labs, volunteering and giving back to the community, as well as local, regional, state, and national competitions.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual Course Info
<b>Culinary Skills</b>	✓	✓	✓	✓	FCE-00003	0.5		Students will gain practical experience in basic food preparation. Fundamental concepts and developing skills and techniques used in professional cooking are emphasized. As students develop knowledge and skills, they will prepare and serve food items during the final weeks of the course.		✓	✓	✓	✗	✗	
<b>Nutrition</b>	✓	✓	✓	✓	FCE-00004	0.5		Nutrition is a dual credit course with Gateway Technical College. Nutrition is a preparatory course for future culinary pathway classes. Students will learn about the nutritional needs of various individuals. Through exploring different cultures and methods of cooking, students will become familiar with the basic principles and current nutritional concepts.		✓	✓	✓	✗	✗	✗
<b>Childhood Development</b>	✓	✓	✓	✓	FCE-00006	0.5		This course gives the student a comprehensive view of the child at each stage of development from conception to middle school years. Areas of development include physical, social, emotional, cognitive, and moral needs. This course is essential for students with goals to be a PK-12 educator, child psychologist, pediatrician, social worker or child care provider.		✗	✓	✓	✗	✗	✗
<b>Pro-Start</b>	✗	✓	✓	✓	FCE-00007	1		Prerequisite: Successful completion of Nutrition & Culinary Skills. Students will learn how to prepare and serve all different types of food as well as restaurant management and marketing. In addition to restaurants, hospitality areas of lodging, tourism, and retail will be explored. This course provides a solid foundation for the real-world skills needed in a restaurant or hospitality career.		✓	✓	✓	✗	✗	✗
<b>Advanced Pro-Start</b>	✗	✗	✓	✓	FCE-00008	1		Prerequisite: Successful completion of Pro-Start. The final course in the pathway provides students the opportunity to learn about how to manage hospitality businesses and restaurants, as well as develop advanced culinary skills. Students will have the opportunity to complete national industry credentials and participate in experiences related to the culinary and hospitality fields.		✓	✓	✓	✗	✗	✗



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<p><b>Foundations of Early Childhood Education &amp; Childhood Development</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00009</p>	<p>1</p>	<p>Students will be introduced to the careers and foundations of education and teaching from early childhood through post-secondary education. Students will learn about the different areas of educational systems, how decisions are made, and how children develop and grow physically, socially, emotionally, and cognitively. Students will be introduced to education settings, beginning with early childhood in this course. Dual Credits with Gateway Technical College are offered for their Childhood Development and Foundations of Early Childhood courses.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Health, Safety &amp; Nutrition</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00012</p>	<p>0.5</p>	<p>Prerequisite: Successful completion of Foundations of Foundations of Early Childhood Education &amp; Childhood Development.</p> <p>Students will examine topics of health, safety, and nutrition within the context of the early childhood educational settings. Students will complete units of study in the areas of safe early childhood programs; government regulations; diversity; healthy and nutritionally sound early childhood programs; abuse and neglect mandates; Sudden Infant Death Syndrome (SIDS) risk reduction strategies; and incorporate health, safety, and nutrition concepts into the children's curriculum. Successful completion of this course with Foundations of Early Childhood will lead to the Child Care Basics Certificate from Gateway Technical College.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Medical Assistant</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00015</p>	<p>1</p>	<p>Prerequisite: Successful completion of Foundations of Health Services.</p> <p>This course is a blended course that prepares and qualifies students to sit for the Certified Clinical Medical Assistant (CCMA) exam. The program is designed to equip students with the skills necessary to assist patients in hospitals, medical clinics, assisted living environments and physician offices. Medical Assistants provide direct patient care as well as assist the physician with filing, recording, patient scheduling for appointments and specialized testing.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Health Services Occupations</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00016</p>	<p>1</p>	<p>Prerequisite: Successful completion of Medical Assistant.</p> <p>This course reinforces skills learned through the capstone or apprenticeship experience. Coursework builds upon topics covered in Foundations of Health Services and Medical Assistant including leadership, teamwork, professionalism, wellness, and patient care. Students will finalize and present their professional portfolio.</p> <p>Industry Certification received: WI prevent Blindness Vision Screening and AHA Basic Life Support (BLS).</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Foundations of Health Services</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00017</p>	<p>1</p>	<p>This course is designed to provide a general overview of the many health-related occupations and special concerns of the health care worker. It introduces careers in medical professions and an overview of patient care. Students will also begin to build their healthcare professional portfolio and are encouraged to participate as a member of HOSA Future Health Professionals as this class will review and practice HOSA's competitive events. Industry Certification received: OSHA -Health industry and American Heart Association (AHA) First Aid.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>





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<p><b>Math for Elementary / Middle School Teachers</b></p> <p>(NEW)</p>	9 ✗	10 ✗	11 ✗	12 ✓	FCE-00028	0.5	<p>Prerequisites: Foundations of Education and Ed Psych and Assessment.</p> <p>Focuses on the mathematical knowledge that a teacher needs to know in order to teach successfully in a k-3 classroom.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>Supporting Diverse Learners</b></p> <p>(NEW)</p>	9 ✗	10 ✗	11 ✗	12 ✓	FCE-00029	0.5	<p>Prerequisites: Foundations of Education and Ed Psych and Assessment This methods course prepares preservice general educators to effectively teach and support learners with diverse characteristics and needs in the context of the general education classroom. Characteristics of learners with learning and behavioral differences, including those eligible for special education services, are addressed, with additional content on the impact of cultural and language differences on learning. Participants will apply principles of differentiation and universal design in planning whole-class and small-group instruction that involves the integration of technologies and strategy instruction. A field-based project is required.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>Foundations of Urban Education</b></p> <p>(NEW)</p>	9 ✗	10 ✗	11 ✗	12 ✓	FCE-00030	0.5	<p>Prerequisites: Foundations of Education and Ed Psych and Assessment Foundations in Urban Education will provide students with background information to understand current issues in urban schooling. Students will learn the history of urban education, politics and culture in urban schooling, and conduct fieldwork in local urban school settings.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>Assistant Child Care Teacher</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	FCE-03622	0.5	<p>Prerequisite: Junior standing and successful completion of Health Safety and Nutrition.</p> <p>Students will become familiar with careers in child care. During this course study, students will learn about a child care center, its relationships with staff, child and parents. In addition, they will participate in observations and plan and present age appropriate classroom activities to preschool age children. Other areas of study include classroom management, safety, health and first aid, meals and snacks. Students are required to complete 10 hours of observation in a licensed child care setting and achieve a grade of C or better for certification. The students participate in the operation of an on-site preschool for children ages 3-5. Successful completion results in a Wisconsin Assistant Child Care Teacher (ACCT) certification to work as an assistant teacher for pay in a licensed daycare. After meeting the requirements for the ACCT certification, students may apply to be accepted into the State Certified Skills (FCS) Co-op program in Child Care Services. Wisconsin's Skill Standards for Child Services certifies students as a child care teacher.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<p><b>International Cuisine</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	FCE-03642	0.5	<p>Prerequisite: Successful completion of Advanced Culinary Skills.</p> <p>Builds upon the foundations mastered in the Foundations of Culinary Arts. This course allows students to take a more sophisticated look at foods. Students deal with different types of meat, fish, and poultry. Different cuisines are studied from around the world.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗



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<p><b>Advanced Culinary Skills</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-03643</p>	<p>0.5</p>	<p>Prerequisite: Successful completion of Culinary Skills.  Food Science, sensory evaluation (taste), food safety, food sanitation and innovative food product development is the focus of this course. Learn the connection between food and science. This knowledge is used daily in food production. Students can earn the "Serve Safe" certificate (sponsored by the Restaurant Association) in this class. Progress can be made toward a Wisconsin Skill Certificate in Food Service. Check with Dept. for Food Science Equivalence/Advance Standing.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Introduction to Medical Terminology</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-03663</p>	<p>0.5</p>	<p>This class is designed to teach medical terminology within the body systems. Building on the knowledge from beginning medical terminology, an emphasis is placed on anatomy and diseases of the body. Class work includes CD-ROM activities, videos, and worksheets. Students participate in an Anatomy In Clay lab, a hands-on activity for students to build body systems in clay using a 30" skeleton. This class is articulated for college credits. Students may earn elective Gateway Technical College credits with a B grade or better in this course.</p>		<p>Case ✗</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>VIRTUAL COURSE INFO</p>
<p><b>Foundations of Education</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00026</p>	<p>0.5</p>	<p>Explores the teaching profession and multiple roles of the teacher, where students will engage with peers, faculty, teachers and students through authentic classroom experiences. Students will explore learning in and outside of formal schooling environments and examine how communities—including local, regional, and national—can impact learning. Finally, students will discuss current topics in child and adolescent development with an emphasis on equity, culturally relevant pedagogy, and school environments and will clarify and analyze issues from diverse developmental contexts in conjunction with motivation, identity development, and educational achievement.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Education Psychology and Assessment</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00027</p>	<p>0.5</p>	<p>The course will provide introductions to major theoretical systems of relevance to education, background on instructional design tactics based on the theories covered, and historical background on key psychological and assessment issues that bear on current teaching practices. Contributions of educational psychology and assessment to the areas of classroom management, research foundations, reading and interpreting data, and current instructional methodologies will be addressed.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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JROTC

The Army Junior Reserve Officer Training Corps (JROTC) is a program offered to high schools that teaches students character education, student achievement, wellness, leadership, and diversity. It is a cooperative effort between the Army and the high schools to produce successful students and citizens, while fostering in each school a more constructive and disciplined learning environment. The outcomes of the JROTC program are:

- Act with integrity and personal accountability as they lead others to succeed in a diverse and global workforce
- Engage civic and social concerns in the community, government, and society
- Graduate prepared to excel in post-secondary options and career pathways
- Make decisions that promote positive social, emotional, and physical health
- Value the role of the military and other service organizations

In addition to a typical JROTC curriculum, Cadets may have the opportunity to participate in a number of co-curricular activities offered by JROTC:

- JROTC Leadership Challenge and Academic Bowl (JLAB): a competitive program that imparts values of leadership and citizenship while preparing for higher education milestones like college entrance exams.
- STEM (Science, Technology, Engineering and Mathematics) Camps: a one-week college residential program at STEM labs with interaction with college-level professors and graduate and undergraduate students.
- JROTC Raider Challenge: A competitive program for JROTC Cadets in five different fitness and skill events.
- Air Rifle Competitions: Marksmanship programs that promote teamwork, self-confidence and marksmanship skills.
- Drill Competitions: Programs for traditional drill formations including regulation and exhibition/pageantry categories.

[\\*Click here for the articulation agreement with UW-Parkside](#)

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
JROTC I	✓	✓	✓	✓	MIL-00001	1		Within the annual units of study, the following topics are covered: foundations of Army JROTC, getting involved, being a leader, know yourself-Socrates, study skills, achieving a healthy lifestyle, the globe, citizenship skills, your job as an American citizen.		✗	✗	✓	✗	✗	✗
JROTC II	✗	✓	✓	✓	MIL-00002	1		Prerequisite: JROTC I Within the annual units of study, the following topics are covered: the nation's defense forces, knowing how to lead, communication skills, conflict resolution, teaching skills, cadet challenge maps, map reading and land navigation, citizenship action group process, founding and growth of a nation (American history: 1776 to present).		✗	✗	✓	✗	✗	✗
JROTC III	✗	✗	✓	✓	MIL-00003	1		Prerequisite: JROTC II Students will study leadership strategies, foundations for success, managing conflict, career planning, financial planning, and citizenship in American history and government with continued practical work in leadership, drill, technology awareness, and methods of instruction. Students will continue their development in map reading and physical training.		✗	✗	✓	✗	✗	✗
JROTC IV	✗	✗	✗	✓	MIL-00004	1		Prerequisite: JROTC III Students will demonstrate leadership potential as a role model, coach, counselor, management skill and assistant instructor. Study service to the Nation and financial planning, with continued practical work in drill, technology awareness, physical training and command and staff principles.		✗	✗	✓	✗	✗	✗

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MATHEMATICS

Students must meet prerequisites for each course, unless given instructor approval. The prerequisites also apply to courses taken in the virtual learning program. All students must be enrolled in a math course unless all minimum graduation requirements (3 credits) have been met.

Math credit cannot be earned for both paired courses below. One course will be counted as an elective credit.

- Statistics and AP Statistics
- Geometry Concepts and CP Geometry
- Algebra 2 and CP Algebra 2/Trig
- IB MYP Algebra 9 Standard and IB MYP Algebra 9 Extended
- IB MYP Geometry Standard and IB MYP Geometry Extended

Students may not move backwards in the sequence. For example: if a student successfully completed Algebra 1 in middle school, they may NOT re-take the course for credit in high school. *Extenuating circumstances may apply.* Appeals must be submitted to the Chief Academic Officer for a decision. This decision will be final.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
IB MYP Algebra 9 Standard	✓	✗	✗	✗	MTH-00001	1		IB MYP 9 Algebra Standard aims to give students a sound knowledge of algebra principles (Equations and Functions) while allowing them to develop skills needed to meet the objectives of MYP mathematics (Knowing and Understanding, Investigating Patterns, Communicating, Applying mathematics to real life contexts).  This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards		✓	✗	✗	✗	✗	✗
IB MYP Algebra 9 Extended	✓	✗	✗	✗	MTH-00002	1		IB MYP 9 Algebra Extended consists of IB MYP 9 Algebra Standard content, but is also supplemented by additional topics and skills (Systems of Equations, Polynomials, and Quadratics). This level provides the foundation for students who wish to pursue further studies in mathematics.  This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards.		✓	✗	✗	✗	✗	✗
IB MYP Geometry – Standard (NEW)	✗	✓	✗	✗	MTH-00004	1		Prerequisite: Credit in IB MYP Algebra 9 Standard.  IB MYP Geometry Standard aims to give students a sound knowledge of geometric concepts while allowing them to continue developing skills needed to meet the objectives of MYP mathematics (Knowing and Understanding, Investigating Patterns, Communicating, Applying mathematics to real life contexts). Geometry Standard covers topics such as transformations, properties of triangles and quadrilaterals and circles, similarity, measurements of three-dimensional figures as well as an introduction to right triangle trigonometry.  This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards.		✓	✗	✗	✗	✗	✗



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<b>IB MYP Geometry Extended</b> Prerequisite: Credit in Algebra 1. This MYP extended course deals with properties of plane and solid figures. It helps to develop logical thinking processes, an understanding of methods of proof, and the precise use of language. This course is designed to support students who have a passion for mathematics. This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards.	✓	✗	✗	✗	MTH-00003	1									
<b>IB Mathematics: Applications and Interpretation SL</b> Prerequisite: Successful completion of Algebra 2 (2440) or Algebra 2-Trig (2441). This course is designed to meet the math requirement of the IB diploma. The subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics, psychology and design for example. It concentrates on math that can be applied to real world situations at home, work, and leisure, and includes a project involving a math investigation, research, evaluation, analysis and written work. Math topics include algebra, logic, probability, statistics, geometry, trigonometry, calculus financial math, math investigation, research, evaluation, analysis and written work.	✗	✗	✓	✓	MTH-02406	1									
<b>IB Mathematics: Analysis and Approaches SL 1</b> Prerequisite: Successful completion of Algebra 2-Trig. (2441). This course covers topics of precalculus, as well as additional topics from the IB subsidiary-level curriculum. Topics include functions, sequences, series, exponential and logarithmic functions, matrices and trigonometry. This course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, business administration, and engineering. Students who wish to test in Mathematics: Analysis & Approaches SL will be required to take Mathematics: Analysis & Approaches SL2 the following year.	✗	✗	✓	✓	MTH-02407	1									
<b>IB Mathematics: Analysis and Approaches SL 2</b> Prerequisite: Successful completion of Mathematics: Analysis & Approaches SL 1. This course covers the components of statistics and calculus of the IB Math SL exam. This course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, business administration, and engineering. Each student will be required to own a graphing calculator. Students enrolled in this course are encouraged to test in IB Mathematics: Analysis & Approaches SL. Various colleges and universities offer math or elective credit for successfully testing in this course.	✗	✗	✗	✓	MTH-02408	1									



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<b>IB Mathematics: Analysis and Approaches HL 1</b>	X	X	✓	✓	MTH-02409	1	Prerequisite: Successful completion of Algebra 2-Trig. (2441).  This course covers topics of precalculus, as well as additional topics from the IB subsidiary-level curriculum. Topics include functions, sequences, series, exponential and logarithmic functions, matrices, and trigonometry. These topics are covered more in depth at the HL level than in the SL level course. This course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, business administration, and engineering. Students wish to test in Mathematics: Analysis & Approaches HL will be required to take Mathematics: Analysis & Approaches HL 2 the following year.		Case ✓	Horlick X	Park X	REAL X	Walden X	Virtual X	
<b>IB Mathematics: Analysis and Approaches HL 2</b>	X	X	X	✓	MTH-02410	1	Prerequisite: Successful completion of Mathematics: Analysis & Approaches HL 1.  This course covers the components of statistics, vectors, and calculus of the IB Math HL exam. The HL level course differs from the SL course in that it offers the topic of vectors and a more in depth look at statistics and calculus. The course is for students who need a mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, business administration, and engineering. Each student will be required to own a graphing calculator. Students enrolled in this course are encouraged to test in IB Mathematics: Analysis & Approaches HL. Various colleges and universities offer calculus level credit for successfully completing this exam.		Case ✓	Horlick X	Park X	REAL X	Walden X	Virtual X	
<b>Applied Technical Mathematics</b>	X	X	✓	✓	MTH-02411	1	Applied Technical Mathematics is a Dual Credit course with Gateway Technical College that may lead to math credits in Technical Diploma programs at Gateway Technical College. This hands-on math course reviews the four basic mathematical operations on whole numbers, fractions, decimals, basic algebra and trigonometry related to technical fields. The second half of the course covers geometric principles along with calculations of linear, area and volume measurements. Includes interpreting and sketching graphs, the metric system, a method to solve technical conversions problems, and an introduction to statistics.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden X	Virtual X	
<b>Algebra 1</b>	✓	✓	✓	✓	MTH-02421	1	Algebra 1 is a first year high school course in college preparatory mathematics. Topics include using variables to write and manipulate mathematical expressions, equations, formulas and functions to solve problems, as well as some topics from geometry, probability, and statistics. Each student will be required to own a scientific calculator.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	VIRTUAL COURSE INFO 	
<b>Geometry Concepts</b>	X	✓	✓	✓	MTH-02430	1	Prerequisite: Credit in Algebra 1 (2421). Not open to 9th grade students.  This course deals with properties of plane and solid figures. It helps to develop logical thinking processes, and the precise use of language. The student taking this course would normally not be planning to take high school calculus. The normal sequence would be to take Algebra 2 (2440) after this course. Each student will be required to own a scientific calculator.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden X	VIRTUAL COURSE INFO 	



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<b>CP Geometry</b>	✓	✓	✓	✓	MTH-02431	1	Prerequisite: Credit in Algebra 1 (2421).  This college-preparatory course deals with properties of plane and solid figures. It helps to develop logical thinking processes, an understanding of methods of proof, and the precise use of language. Students may take CP Geometry (2431) and CP Algebra 2-Trig. (2441) concurrently, with department head approval. Each student will be required to own a scientific calculator.	✓	✓	✓	✗	✓	✗	
<b>Algebra 2</b>	✗	✓	✓	✓	MTH-02440	1	Prerequisite: Credit in Geometry Concepts (2430) or CP Geometry (2431).  This course deals with intermediate topics in Algebra and an introduction to Trigonometry. The student taking this course would normally not be planning to take high school calculus. Each student will be required to own a scientific calculator.	✓	✓	✓	✗	✓	<a href="#">VIRTUAL COURSE INFO</a>	
<b>Algebra 2 – Trig</b>	✗	✓	✓	✓	MTH-02441	1	Prerequisite: Credit in CP Geometry (2431).  This college preparatory course deals with intermediate topics in Algebra and provides a foundation in Trigonometry. Students may take CP Geometry (2431) and Algebra 2-Trig (2441) concurrently with department head approval. Each student will be required to own a scientific calculator but a graphing calculator is highly recommended.	✓	✓	✓	✓	✓	✗	
<b>IB MYP Algebra 2 / Trig Extended (NEW)</b>	✗	✓	✗	✗	MTH-00005	1	Prerequisite: Credit in IB MYP Algebra 9 Extended and either credit in IB MYP Geometry Extended OR concurrent enrollment in IB MYP Geometry Extended (with counselor and department head approval)  IB MYP Algebra 2/Trig Extended aims to give students a strong and in-depth understanding of algebraic concepts beyond the scope of what was covered in Algebra 1 while allowing them to continue developing and practicing skills needed to meet the objectives of MYP mathematics (Knowing and Understanding, Investigating Patterns, Communicating, Applying mathematics to real life contexts). Algebra 2 Trig Extended covers topics including functions (linear, absolute value, quadratic, cubic, rational, radical, etc) and their properties, systems of equations, polynomials, logarithms, and an in depth look at trigonometric functions and the unit circle. This course helps to enhance logical thinking processes and the precise use of language. Topics and skills covered in this course give extended background for further mathematics courses including IB Math Analysis and Approaches SL or HL as well as IB Math Applications and Interpretation.  This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards.		✓	✗	✗	✗	✗	✗
<b>Math Studies</b>	✗	✗	✓	✓	MTH-02442	1	Prerequisite: Credit in Algebra 2 (2440) or Algebra 2-Trig (2441).  This course is recommended for students who are planning on a course of study geared towards the liberal arts. It concentrates on math that can be applied to real world situations at home, work, and leisure, and includes a project involving a math investigation, research, evaluation, analysis, and written work. Math topics include algebra, logic, probability, statistics, geometry, trigonometry, calculus, and financial math. A graphing calculator is strongly recommended.	✗	✓	✓	✗	✓	✗	



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<b>Statistics</b>	✗	✗	✓	✓	MTH-02451	1	Prerequisite: Credit in Algebra I (2421).	In this course, students learn how information is gathered, organized and analyzed by the use of statistical methods. All probability and statistics topics from the RUSD standards are covered extensively in this course. Each student will be required to own a scientific calculator with 2-variable statistical functions.	✓	✓	✓	✗	✓	✗
<b>AP Statistics</b>	✗	✗	✓	✓	MTH-02453	1	Prerequisite: Credit in Algebra 2 (2440) with teacher recommendation or successful completion of Algebra 2-Trig (2441).	This course covers all of the topics of Statistics (2451), as well as all of the topics required by the College Board for AP Statistics, which encompasses the following themes: exploratory analysis, planning and conducting a study, probability, and statistical inference. Computers and graphing calculators will be used extensively. Each student will be required to own a computer storage device and a graphing calculator with statistical functions.	✗	✓	✓	✗	✗	VIRTUAL COURSE INFO
<b>AP Precalculus (NEW)</b>	✗	✗	✓	✓	MTH-00007	1	In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world.	AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Furthermore, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type.	✗	✓	✓	✓	✓	✗
<b>AP Calculus AB</b>	✗	✗	✓	✓	MTH-02461	1	Prerequisite: Credit in AP Precalculus (00007).	This full-year course is equivalent to the first semester of college calculus. All of the topics required by the College Board for AP Calculus are covered. Each student will be required to own a graphing calculator.	✗	✓	✓	✓	✓	VIRTUAL COURSE INFO
<b>Math Lab</b>	✓	✓	✓	✓	MTH-09092	1		This course is designed to give students who would struggle in a faster paced Math class the support they need to be successful. Each student will be required to own a scientific calculator.  This course is a Math elective and does not count toward the 3 credits of Math required for graduation.	✓	✓	✓	✗	✓	✗







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MUSIC

The Music Department has extensive offerings in vocal and instrumental music, in addition to music theory and general music courses. Although there is no specific music graduation requirement, music is one of the three areas by which a student may satisfy the credit requirement in Fine Arts. Some courses may require activities outside of class time.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
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<b>IB Music HL 1</b>	✗	✗	✓	✓	MUS-00001	1		Prerequisite: Teacher recommendation.  Offered at Case HS. The Year 1 IB Music course develops students' knowledge and understanding of music through the study of musical perception, including study of musical elements, form and structure, notations, musical terminology and context. This is an enriched or advanced course and requires teacher recommendation.		✓	✗	✗	✗	✗	✗
<b>IB Music HL 2</b>	✗	✗	✓	✓	MUS-01918	1		Prerequisite: Teacher recommendation.  Offered at Case HS. The Year 2 IB Music course prepares students to take the International Baccalaureate Music exam at the higher level (HL). The course focuses on the exploration of music from different places, cultures, and time periods. Significant time is devoted to the study of music theory.		✓	✗	✗	✗	✗	✗
<b>Jazz Appreciation</b>	✗	✗	✓	✓	MUS-00002	0.5		Jazz Appreciation is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Study of the stylistic periods of jazz from its beginning through the present. Emphasis on key performers and their styles. Recordings and live performance included.		✗	✗	✗	✗	✓	✗
<b>General Music</b>	✓	✓	✓	✓	MUS-02510	0.5		Through participation and study, pupils will develop basic musical skills and insight into the art of music. Students will begin or continue learning piano and guitar.		✗	✓	✓	✓	✗	✗
<b>Fundamentals of Music</b>	✗	✗	✓	✓	MUS - 02511	1		Fundamentals of Music is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Fundamentals of Music acquaints the student with a basic music vocabulary. Includes study of notation, scales, melody and basic harmony.		✗	✗	✓	✗	✓	✗
<b>Chorus 1</b>	✓	✓	✓	✓	MUS-02512	1		Fundamental training in choral techniques, keyboard skills, music theory and sight-reading.		✓	✓	✓	✗	✗	✗
<b>Chorus 2</b>	✓	✓	✓	✓	MUS-02513	1		Prerequisite: Audition placement.  A more in-depth approach to choral singing.		✓	✓	✓	✗	✗	✗
<b>High Voice Choir</b>	✓	✓	✓	✓	MUS-02514	1		Prerequisite: Audition placement.  For soprano and alto singers wishing to learn advanced choral literature and improve skills in sight-reading, music theory and keyboard.		✓	✓	✓	✗	✗	✗
<b>Low Voice Choir</b>	✓	✓	✓	✓	MUS-02515	1		Prerequisite: Audition placement.  For tenor and bass singers wishing to learn advanced choral literature. Learn the fundamentals of tenor, baritone, or bass literature including site reading, keyboarding and vocal music.		✓	✓	✓	✗	✗	✗



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<b>Vocal Ensemble</b>	✓	✓	✓	✓	MUS-02517	1	Prerequisite: Audition placement. This course is for vocal students who want an in-depth experience in small ensemble performances. Performance opportunities may include Madrigal, Mastersinger, Vocal Jazz and others. Students must be enrolled in either band, choir or orchestra to participate (unless there is a schedule conflict with a required class for graduation).	✓	✓	✓	✗	✗	✗
<b>Concert Choir</b>	✗	✓	✓	✓	MUS-02519	1	Prerequisite: Audition placement. An advanced choir giving students a broad experience in singing the best in choral literature.	✓	✓	✓	✗	✗	✗
<b>Orchestra</b>	✓	✓	✓	✓	MUS-02531	1	Prerequisite: Middle school orchestra. Meaningful experiences playing advanced orchestral literature.	✓	✓	✓	✗	✓	✗
<b>Band 1</b>	✓	✓	✓	✓	MUS-02533	1	Prerequisite: Middle school band. Offers extended instrumental experiences to students who have participated in middle school band.	✓	✓	✓	✓	✓	✗
<b>Band 2</b>	✓	✓	✓	✓	MUS-02534	1	Prerequisite: Band 1. Develops advanced band-playing skills.	✓	✓	✓	✓	✗	✗
<b>Band 3</b>	✓	✓	✓	✓	MUS-02535	1	Prerequisite: Placement through audition. Further experiences in more advanced ensemble skills.	✓	✓	✓	✓	✗	✗
<b>Jazz Ensemble</b>	✓	✓	✓	✓	MUS-02537	1	Prerequisite: Audition placement. This course is an introductory study of jazz, rock and swing performance. Beginning improvisation is offered. Students must be enrolled in either band, choir or orchestra to participate (unless there is a schedule conflict with a required class for graduation, or the only instrument played is electric bass, piano or guitar).	✓	✓	✓	✗	✗	✗
<b>Theory 1</b>	✓	✓	✓	✓	MUS-02540	0.5	A study of the fundamentals of music and chord structure. Includes study of scales, intervals, keys, rhythms and ear training.	✓	✓	✓	✗	✗	✗
<b>Theory 2</b>	✓	✓	✓	✓	MUS-02541	0.5	Prerequisite: Successful completion of Theory 1. Continuation of the study of music fundamentals of Theory 1. Includes harmonizing of secondary chords, cadences and simple modulation.	✓	✓	✓	✗	✗	✗
<b>Theory 3</b>	✗	✓	✓	✓	MUS-02542	0.5	Prerequisite: Successful completion of Theory 2. Continuation of the study of music fundamentals of Theory 2. Study of instruments, scoring and basic instrumental forms.	✓	✓	✓	✗	✗	✗
<b>Theory 4</b>	✗	✓	✓	✓	MUS-02543	0.5	Prerequisite: Successful completion of Theory 3. Continuation of Theory 3. Includes conducting musical styles and periods and exposure to 20th Century techniques.	✓	✓	✓	✗	✗	✗
<b>Instrumental Ensemble</b>	✓	✓	✓	✓	MUS-02544	0.5	For instrumental students. Must be currently enrolled in a band or orchestra class. In-depth experiences in small ensemble performance. Group sizes range from duets to double quartets.	✗	✓	✓	✗	✗	✗
<b>Percussion Ensemble</b>	✓	✓	✓	✓	MUS-02551	0.5	Prerequisite: Audition placement. Percussion techniques and materials are studied. Solo and ensemble performances required.	✗	✓	✓	✗	✗	✗



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PHYSICAL EDUCATION

The Physical Education program at the high school level provides a format for the greater development of personal health and fitness knowledge as well as individual and team skills. Students will be challenged at each level to increase their personal well-being.

Racine Unified School District physical education requires all students pass three semesters of physical education in order to satisfy the one and one-half credits required for graduation. All students will begin their physical education coursework at the ninth-grade level with Fitness for Life. Following Fitness for Life, students must take two different Physical Education 10 through 12 courses. When students have completed their required credits, they may take additional physical education courses as an elective to meet their total number of graduation credits. Students may not retake a grades 10-12 physical education course for additional elective credit.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
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<b>Lifetime Wellness</b>	✗	✗	✓	✓	PHY-00002	0.5	Lifetime Wellness is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Lifetime Wellness provides necessary knowledge and skills to develop a personal fitness/wellness program and to achieve greater lifelong health and wellness. May require workouts outside of the scheduled class period.		✗	✗	✗	✗	✓	✗	
<b>IB MYP 9 Fitness for Life</b>	✓	✗	✗	✗	PHY-00004	0.5	The IB MYP 9 Fitness for Life Course is developed to help students acquire the knowledge, skills, and self-confidence to lead healthy, productive lives. The primary goals are to improve physical fitness, to help students make correct decisions about health issues, and to teach skills and knowledge that will enable them to be physically active and healthy for a lifetime. This course meets the requirements of IB Middle Years Program in addition to the Common Core State Standards and National Shape Standards.		✓	✗	✗	✗	✗	✗	
<b>IB MYP 10 Lifetime Fitness (NEW)</b>	✗	✓	✗	✗	PHY-00003	0.5	This course is designed for 10th grade classes. Depending on individual school facilities/staffing, this coeducational course emphasizes health related fitness. At the conclusion of the course, students will have experienced a wide variety of fitness activities that they will be able to replicate on their own. Students will have an understanding of their own fitness level, how to assess their fitness, and how to improve their health-related fitness. Students will create a fitness program that displays their knowing and understanding of personal fitness and well-being. This course meets the requirements of IB Middle Years Program in addition to the National Shape Standards.		✓	✗	✗	✗	✗	✗	
<b>Phy Ed 10-12 (NEW)</b>	✗	✓	✓	✓	PHY-00005	0.5	Phy Ed 10-12 will engage students in a variety of activities that are designed to develop skills that will help you maintain fitness throughout your life. During the course you will set goals, develop physical and social skills, and gain a stronger appreciation for health and wellness.		✓	✓	✓	✗	✗	✗	
<b>Physical Education 10-12: Lifetime Fitness</b>	✗	✓	✓	✓	PHY-04307	0.5	This course is a non-traditional physical education course. Students will participate in lifetime fitness activities. Such as: power walking, Pilates, yoga, Zumba, aerobics, archery, core training, personal fitness assessment, fitness videos and water aerobics. Students will design their own fitness program at the end of this course.		✓	✗	✗	✓	✓	✗	



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	Physical Education 10-12: Beginner Strength Training	9 ✗	10 ✓	11 ✓	12 ✓	PHY-04309	0.5	The beginner strength and conditioning course is designed to support students working towards personal physical fitness in areas such as strength, flexibility, explosive power, agility, aerobic and anaerobic endurance, core training, speed and acceleration. Students will learn how to properly lift weights in a safe manner, as well as develop a semester-long strength training and conditioning program. In this individualized workout program, each student will enhance his or her knowledge of training techniques, enhance their respective levels of physical fitness, and gain the knowledge and skills concerning strength and conditioning that will propel them to participate in related activities throughout their lifetime.	Case ✓	Horlick ✗	Park ✗	REAL ✓	Walden ✗	Virtual ✗		
	Physical Education 10-12: Advanced Strength Training and Conditioning	9 ✗	10 ✓	11 ✓	12 ✓	PHY-04310	0.5	Prerequisite: Successful completion of Physical Education 10-12: Beginner Strength Training.  In this class, students will create and complete two 8-week workout plans. Plans will incorporate weights training along with speed and agility work, with assessments after each 8 weeks to track growth and progress. Students will set goals and have to adjust their training regimen according to their progress completing those goals.	Case ✓	Horlick ✗	Park ✗	REAL ✓	Walden ✗	Virtual ✗		
	Physical Education 10-12: Competitive Games 1	9 ✗	10 ✓	11 ✓	12 ✓	PHY-04311	0.5	This class focuses on those competitive games with limited physical contact among players. Games played in this course will include volleyball, badminton, ultimate Frisbee, flicker-ball, softball, kickball, and a personal fitness assessment activity.	Case ✓	Horlick ✗	Park ✗	REAL ✓	Walden ✓	Virtual ✗		
	Physical Education 10-12: Competitive Games 2	9 ✗	10 ✓	11 ✓	12 ✓	PHY-04312	0.5	This course focuses on those competitive games where physical contact between students may occur. Games played will include basketball, football, rugby, floor hockey, dodgeball, and a personal fitness assessment activity.	Case ✓	Horlick ✗	Park ✗	REAL ✓	Walden ✓	Virtual ✗		
	Physical Education 9: Fitness for Life Make Up	9 ✗	10 ✓	11 ✓	12 ✓	PHY-04313	0.5	This course is for students in grade 10-12 who have not passed the Fitness for Life course in grade 9.	Case ✗	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗		
	Physical Education 10-12: Popular Exercise Trends/Extreme Cardio	9 ✗	10 ✓	11 ✓	12 ✓	PHY-04314	0.5	This class is designed to build student strength and stamina. The course is ideal for athletes including runners and swimmers, as well as anyone wanting to build their strength and endurance to get into improved shape. Cardio workouts may include options such as running stairs, timed mile run, Pilates, CrossFit, Kick Boxing, Plyometrics, circuits, and popular training video routines.	Case ✓	Horlick ✗	Park ✗	REAL ✓	Walden ✗	Virtual ✗		
	Physical Education 10-12: Individual/ Partner Sports	9 ✗	10 ✓	11 ✓	12 ✓	PHY-04315	0.5	This class focuses on low-impact individual or two-person sports. Sports played will include badminton, golf, tennis, archery, table tennis, swimming, pickleball, outdoor leisure games, personal fitness workout videos, and individual fitness assessment activities.	Case ✓	Horlick ✗	Park ✗	REAL ✓	Walden ✓	Virtual ✗		



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	9	10	11	12				Case	Horlick	Park	REAL	Walden	Virtual	
<b>Physical Education 10-12: Lifeguarding</b>	✗	✓	✓	✓	PHY-04316	0.5	§	<p>Prerequisites: 1. Lifeguard candidates must be able to swim 300 yards using the following strokes in this order: 100 yards of front crawl using rhythmic breathing and a stabilizing, propellant kick; 100 yards of breaststroke; and additional 100 yards of either of these 2 strokes. 2. Treading water using legs only for 2 minutes. 3. Complete the following timed event within 1 minute &amp; 40 seconds: Swim 25 yards using front crawl or breaststroke, surface dive to a depth of 10 feet to retrieve a 10-pound brick, swim back 25 yards to the starting point on their back with both hands on the brick and exit the pool without using the ladder or steps. This is NOT a beginner swim course.</p> <p>This course is designed for students to become trained lifeguards. To complete this training, students will have full class periods in the water or in the classroom. Attendance is mandatory as Red Cross specifies that students complete 32 hours of class time. Students will be trained in rescue skills on land and in the water, and also in First Aid and CPR. Certification is based on attendance and skill/written test completion. Written test must be passed with an 80% or better to become certified. This certification is good for 2 years.</p> <p>There is a fee to the Red Cross to become a certified lifeguard. (\$40-\$50, see instructor)</p>	✓	✗	✓	✗	✗	✗
<b>Physical Education 10-12: Olympic Strength Training</b>	✗	✓	✓	✓	PHY-04317	0.5		<p>Prerequisite: Successful completion of Beginner Strength Training.</p> <p>Students will go through two weight training programs during this class. Students will use percentages to achieve their maximum potential in each lift. Students will learn Olympic lifts and break down their technique to rebuild and become a more explosive athlete. This class is focused toward students who want to maximize their physical talents and abilities. Students will learn to recognize dietary needs to promote muscle growth, and techniques related to competitive powerlifting.</p>	✓	✗	✗	✗	✗	✗
<b>Physical Education 10-12: Swimtastic</b>	✗	✓	✓	✓	PHY-04318	0.5		<p>Prerequisites: Students enrolling in this class must be comfortable in deep water; be able to tread water for 2 minutes, swim 100 yards without stopping; and be willing to jump headfirst off a diving board. This is NOT a beginner swim course. Gr. 10-12 students that are not able to complete these prerequisites but wish to participate in a swimming course should register for Swimming Foundations.</p> <p>This class focuses on water games, springboard diving techniques, water aerobics, snorkeling, and kayaking and water safety.</p>	✓	✗	✗	✗	✗	✗
<b>Swimming Foundations</b>	✗	✗	✓	✓	PHY-04319	0.5		<p>The class focuses on building introductory swim skills for the gr. 10-12 students. Students will learn basic water safety, as well as from learning how to float on their backs to the basic mechanics of simple swimming strokes. This class is designed for students who know nothing about swimming but want to learn, and also for students that can swim but need refinement of their skills.</p>	✓	✗	✗	✗	✗	✗



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Human Performance	9	10	11	12	PHY-04320	0.5	This speed, strength and conditioning course is designed for the student athlete who hopes to participate in high school individual or team sports. Students who sign up for this class will be expected to dress, participate and meet measurable rubrics each day. The semester course will begin with a battery of physical fitness tests that will act as a benchmark for future fitness goals. The class incorporates three days of weightlifting and two days of speed development, agility, quickness on land and swimming pool in a five-day cycle. This course is an elective and cannot be used to fulfill the 1.5 credit Physical Education graduation requirement.	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓				✓	✗	✗	✗	✗	✗

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HEALTH

The health education course is required for all ninth grade students in order to satisfy the ½ credit graduation requirement in health education. The Racine Unified School District in compliance with State Statue 118.019(4) allows a student to be exempt from “Family Life and Human Sexuality” unit in health education. No student may be required to take instruction in FLHS if a parent/guardian files a written request form TCG-PEH-10 for the student to be exempt. Upon approval from the Coordinator of Physical Education and Health PK-12, a confirmation letter will be sent to the parent/guardian, principal, counselor and teacher. In place of the FLHS unit, of the class, the student will be assigned grade appropriate health-related assignments from the teacher.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
Health Education	✓	✗	✗	✗	HEA-04314	0.5		This semester long course deals with decision-making that is related to health and wellness concepts. Included are a wide variety of topics such as, mental health, family and social health, life cycle, body systems, family life and human sexuality, personal health and physical fitness, nutrition, medicine and drugs, disease and disorders, death, community and environmental health, consumer health, safety and emergency care.		✓	✓	✓	✓	✓	
Health Education Make Up	✗	✓	✓	✓	HEA-04315	0.5		This course is for students who have not passed the REQUIRED Health Education required course #4314.		✗	✗	✓	✓	✗	✗
IB MYP Health Education	✓	✗	✗	✗	HEA-00003	0.5		The IB MYP Health Education course is designed to provide students with the knowledge, attitudes, and skills to make health-promoting decisions. Students will develop a high level comprehension and understanding of the physical, mental and emotional, social and spiritual dimensions of health. Units in our curriculum discuss topics such as Personal Wellness, Nutrition and Fitness, Mental and Emotional Health, Alcohol, Tobacco/Vaping, Illegal drugs, as well as HIV, STD and STI Prevention. The overall goal of this course is to provide information on up to date health issues students and their peers face within their community, as well as Globally, and opportunities for the development of decision-making and critical-thinking skills. Good Health is not a one-time decision but a series of decisions continuing throughout our lives. This course meets the requirements of IB Middle Years Program in addition to Wisconsin's Model Academic Standards for Health Education and National Health Education Standards (NHES)		✓	✗	✗	✗	✗	✗



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**SCIENCE**

Science must be taken in 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> grades. A minimum of three science credits are required for graduation. Students should keep in mind that most colleges and universities now recommend four years of science for admission. Some colleges and universities are also very specific regarding what those courses should be. Students may wish to consult with their counselor regarding their choice of courses and course sequence to ensure each student's plan is aligned to their post-graduation goals.

It is important to note that, while the district and state science standards are covered in the 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> grade science courses, students will find it advantageous regardless of their future plans to take as much science as possible.

Ninth grade students are placed in Biology (2622) or CP Biology (SCI-00002). Placement is determined by achievement levels in 8<sup>th</sup> Grade science courses.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>PLTW – Biomedical Innovation</b>	9 ✗	10 ✗	11 ✗	12 ✓	SCI-00001	1		Prerequisite: Successful completion of Project Lead The Way - Medical Interventions & 12th grade student.  In the final course of the Project Lead The Way - Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They can work on an independent project with a mentor or advisor from a university, medical facility, or research institution.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>CP Biology</b>	9 ✓	10 ✗	11 ✗	12 ✗	SCI-00002	1		College Prep Biology offers an inquiry-based approach to discovering biological themes. Topics investigated will include cell structure, cellular processes, DNA, reproduction, genetics, evolution, animal systems, ecology, and photosynthesis. Instructional methods include, lectures, inquiry-based laboratory investigations, computer simulations, internet research, group projects, and inquiry. CP Biology is designed for students who are interested in a college prep level biology curriculum and will require students to take an active role in their learning through higher level critical thinking skills.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>IB MYP 9th Grade Biology</b>	9 ✓	10 ✗	11 ✗	12 ✗	SCI-00003	1		MYP Biology offers an inquiry-based approach to discovering biological themes. Topics investigated will include population dynamics and ecology, natural selection/evolution, biochemistry/energy, and genetics/DNA. This course meets the requirements of IB Middle Years Program in addition to the Next Generation Science Standards.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<b>IB MYP Chemistry (NEW)</b>	9 ✗	10 ✓	11 ✗	12 ✗	SCI-00004	1		Prerequisite: MYP Algebra 9 Extended (MTH-00002) or MYP Algebra 9 Standard (MTH-00001) Successful completion of MYP Algebra 9 Extended or MYP Algebra 9 Standard strongly recommended.  A laboratory study of the chemical and physical properties of matter. Topics include observation and measurement, atomic structure and theory, periodic trends, bonding properties, molecular relationships, organic chemistry, chemical reactions and thermochemistry. Additional emphasis is placed on the IB science laboratory format. This course meets the requirements of IB Middle Years Program in addition to the Next Generation Science Standards.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗





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Course	9	10	11	12	Course ID	Credits	Description	IB Logo	Case	Horlick	Park	REAL	Walden	Virtual
<b>IB Physics 1</b>	✗	✗	✓	✓	SCI-01413	1	Prerequisite: Successful completion of Algebra-Trig or concurrent enrollment in Algebra 2. Highly recommended that students have completed or are concurrently enrolled in Principles of Engineering. (Students do not need to take Physics before IB Physics.)  The concepts of classical (Newtonian) mechanics, thermodynamics, waves, electricity, magnetism, and nuclear physics will be covered. IB Physics is designed to be the equivalent of a first-year college physics course. Heavy emphasis is placed on independent experimental research. Testing by IB can give advanced placement in most colleges.		✓	✗	✗	✗	✗	✗
<b>IB Physics 2</b>	✗	✗	✗	✓	SCI-01414	1	Prerequisite: Successful completion of IB Physics 1.  Continuing from IB Physics 1, additional concepts of electromagnetic induction, quantum physics, electric and gravitational fields, and astrophysics will be covered. Practical work is emphasized in all aspects of the course. Testing by IB can give advanced placement in most colleges.		✓	✗	✗	✗	✗	✗
<b>Biology</b>	✓	✗	✗	✗	SCI-02622	1	The study of ecology, cell biology, plants and animals, microbiology, human physiology, heredity, reproduction and social implications of science with a laboratory emphasis.		✗	✓	✓	✓	✓	
<b>Ecology</b>	✗	✓	✓	✓	SCI-02625	0.5	Successful completion of Biology, CP Biology or Earth and Space Science strongly recommended; 10th grade students permitted with instructor approval.  Current and relevant major topics of energy, environment and other important concepts in ecology are studied.		✓	✓	✓	✗	✗	✗
<b>Horticulture-A Laboratory Approach</b>	✗	✓	✓	✓	SCI-02628	0.5	Successful completion of Biology or CP Biology strongly recommended; 10th grade students permitted with instructor approval.  A plant management course covering basic botany, gardening, houseplants, propagation, terrarium projects and landscaping.		✓	✓	✓	✗	✗	✗
<b>AP Biology</b>	✗	✗	✓	✓	SCI-02630	1	Prerequisite: Students should have successfully completed high school courses in Biology and Chemistry.  AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The Advanced Placement exam may be taken for college credit.		✗	✓	✓	✗	✓	
<b>Chemistry</b>	✗	✓	✓	✓	SCI-02631	1	Successful completion of Algebra I or Algebra I with Math Lab strongly recommended.  A laboratory study of the chemical and physical properties of matter. Topics include observation and measurement, molecular relationships, atomic structure and theory, energy change and qualitative analysis. Science credit cannot be given for both Chemistry and Chem-Com, or Chemistry and Introduction to IB Chemistry.		✓	✓	✓	✓	✓	



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<b>AP Chemistry</b>	✗	✗	✓	✓	SCI-02632	1	Prerequisite: Students should have successfully completed a general high school Chemistry course and Algebra II.  The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The Advanced Placement exam may be taken for college credit.		Case ✗	Horlick ✓	Park ✗	REAL ✗	Walden ✓	Virtual ✗	
<b>Chemistry in the Community</b>	✗	✓	✓	✓	SCI-02633	1	Course is a lab-oriented, issues-based chemistry course to introduce the students to chemical principles as they relate to technology, society and the students' personal lives. Students engage in study and decision-making on current topics such as water, chemical resources, food, air, petroleum, and health. Chem-Com is a non-weighted chemistry course for college-bound students who are planning on a non-science career and students entering more highly technical fields. Science credit cannot be given for both Chem-Com and Chemistry, or Chem-Com and Introduction to IB Chemistry.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✗	
<b>General Chemistry I</b>	✗	✗	✓	✓	SCI-02635	1	Prerequisite: Successful completion of Chemistry.  General Chemistry is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students can earn five (5) college credits in this course. General Chemistry I Introduces fundamental principles of chemistry including atomic theory, periodic properties, energy, stoichiometry, nomenclature, bonding, Lewis structures, and aqueous solution chemistry. General Chemistry Lab explores atomic and molecular properties, classification schemes for chemical reactions, aqueous solution chemistry, and calorimetry.		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗	
<b>Physics</b>	✗	✓	✓	✓	SCI-02641	1	Successful completion of Algebra I or Algebra I with Math Lab strongly recommended.  A lab-oriented course involving Newton's Laws of Motion, forces, energy, light, sound, electricity and the atom. The Kinetic Theory of matter and nuclear reactions are included with both historical and contemporary issues in physics being emphasized.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓		
<b>AP Physics 1</b>	✗	✓	✓	✓	SCI-02642	1	AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. The Advanced Placement exam may be taken for college credit.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	Virtual ✗	
<b>AP Physics 2</b>	✗	✓	✓	✓	SCI-02643	1	AP Physics 2 is an algebra-based, introductory college-level course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. The Advanced Placement exam may be taken for college credit.		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✓	Virtual ✗	



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<p><b>Project Lead The Way – Principles of Engineering</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SCI-02654</p>	<p>1</p>	<p>Prerequisite: Successful completion of Project Lead The Way - Introduction to Engineering Design.</p> <p>Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Earth and Space Science</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SCI-02665</p>	<p>1</p>	<p>Course focuses on both constructive and destructive processes of the Earth. Students are exposed to topics such as earthquakes, volcanoes, plate tectonics, weathering, erosion, and deposition. Emphasis is also placed on sustainability and environmental sciences. Time is spent exploring the topic of Astronomy and Earth's place in the universe.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>VIRTUAL COURSE INFO </p>
<p><b>IB MYP Earth and Space Science</b>  (NEW)</p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SCI-00005</p>		<p>Prerequisite: IB MYP 9th Grade Biology.</p> <p>IB MYP Earth and Space Science focuses on how the Earth is changing. First semester topics include earthquakes, volcanoes, plate tectonics, weathering, erosion, conflict minerals, and deposition. Second semester topics include environmental sustainability, renewable energy, and environmental sciences. Time is also spent exploring the sun, moon, stars, planets and the universe. This course meets the requirements of IB Middle Years Program in addition to the Next Generation Science Standards.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Project Lead The Way - Principles of Biomedical Sciences</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SCI-02676</p>	<p>1</p>	<p>In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.</p> <p>This course is not a substitute for Biology/CP Biology.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Project Lead The Way - Human Body Systems</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SCI-02677</p>	<p>1</p>	<p>Prerequisites: Successful completion of, or concurrent enrollment in, Principles of Biomedical Science or successful completion of Biology and concurrently enrolled in or completed Chemistry.</p> <p>Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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	9	10	11	12													
<b>Project Lead The Way - Medical Interventions</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-02678	1	Prerequisite: Successful completion of Project Lead The Way - Principles of Biomedical Science.  Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗			
<b>IB Biology 1</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-08702	1	Prerequisite: Biology (2622) and Chemistry (2631) with a grade of "C" or better, or teacher recommendation.  This course is the first year of the Higher Level (HL) Biology curriculum, which culminates in an IB exam that can earn college credit. This rigorous course examines: the Cell and Microbiology, Biochemistry, DNA to Proteins to Enzymes, Genetics and Inheritance and Meiosis, and Evolution and Biodiversity.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗			
<b>Introduction to IB Chemistry</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-08707	1	Successful completion of Algebra I or Algebra I with Math Lab strongly recommended.  A laboratory study of the chemical and physical properties of matter. Topics include observation and measurement, molecular relationships, atomic structure and theory, energy change and qualitative analysis and organic chemistry. Additional emphasis is placed on the IB science laboratory format. Science credit cannot be given for both Introduction to IB Chemistry and Chem-Com, or Introduction to IB Chemistry and Chemistry.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗			
<b>IB Chemistry</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-08708	1	IB Chemistry is designed to be the equivalent of a first-year college chemistry course. Heavy emphasis is placed on more involved laboratory experiments as well as organic chemistry. Testing by IB can give advanced placement in most colleges.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗			
<b>IB Biology 2</b>	9 ✗	10 ✗	11 ✗	12 ✓	SCI-08722	1	Prerequisite: IB Biology 1 (SCI-08702) or teacher recommendation  This course is the second year of the Higher Level (HL) Biology curriculum, which culminates in an IB exam that can earn college credit. Only students who have completed both year are eligible to sit for the exam. This rigorous course continues the work of year one, with a strong emphasis on: Ecology, Botany, Photosynthesis and Cellular Respiration, Digestive System, Circularity System, Immunity, Gas Exchange, Nervous System, Muscle Contraction, The Kidney and Excretion, and Reproductive System.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗			





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**SOCIAL STUDIES**

Social Studies education prepares students to become engaged, informed participants committed to the ideas and values of our democratic republic. They will be able to apply the skills of inquiry, collaboration, decision-making, and problem-solving. Students will be prepared by studying strands of History, Government, Sociology, and Economics.

Depending on the specific high school, the Social Studies offerings listed below are often classified as follows:

- (CP) = College Prep
- (AP) = Advanced Placement
- (IB) = International Baccalaureate

**NOTE:** Students in grades 10-12 may take any two of the following ½ credit courses to meet the US History 1 credit requirement:

- SOC-02704 African American History
- SOC-02705 Latino American History
- SOC-02718 American Indian History
- SOC-02707 American Military History

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>Introduction to Criminal Justice</b>	9 ✗	10 ✗	11 ✗	12 ✓	SOC-00003	0.5	In this course learners will distinguish between the roles and functions of courts with jurisdiction in Wisconsin; differentiate between the roles and functions of federal, state and local law enforcement agencies; apply professional principles as a law enforcement officer; determine modern police functions and policies from an historical perspective; identify the role of law enforcement officers in American society; utilize a decision-making model; identify the characteristics of a good decision maker; describe how professionalism, ethics, and moral standards relate to a law enforcement career; practice a code of behavior; incorporate ethical decision-making strategies; identify required law enforcement policies; defend the importance of written agency policies; and distinguish between "ministerial" and "discretionary" duties; describe how decisions are made; enhance an officer's critical thinking and police problem solving abilities; and apply principles of critical thinking, decision-making, and problem solving.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗	
<b>Criminal Law</b>	9 ✗	10 ✗	11 ✗	12 ✓	SOC-00004	0.5	In this course, learners will identify basic concepts of criminal law; analyze facts, circumstances, and situations and determine which crimes against persons have been committed; analyze facts, circumstances, and situations and determine which crimes against property have been committed; and analyze facts, circumstances, and situations and determine which crimes involving drugs, alcohol or other criminal activity have been committed.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗	
<b>IB MYP 9<sup>th</sup> Grade History</b>	9 ✓	10 ✗	11 ✗	12 ✗	SOC-00005	1	This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for Social Studies with a focus on U.S. history from the Reconstruction to the present.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗	



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	9	10	11	12											
<p><b>IB MYP World History Survey</b> <b>(NEW)</b></p>	X	✓	X	X	SOC-00006	1	<p>Prerequisite: IB MYP 9th Grade History</p> <p>This course features an abridged look at many of the major civilizations in World History. Students currently enrolled in 9th grade U.S. History would take this class as a continuation of their Social Studies experience. It is of similar pacing and rigor to 9th Grade U.S. History. In this course, students will be exposed to many different aspects of civilization, including: the social, political, and economic aspects that form the foundation of society. Students will also study the interaction between humans and the environment, as well as the unique cultural elements across these civilizations. Students will be challenged to build skills in the following areas: active listening, small-group collaborative skills, critical thinking, analysis, reading and academic writing. Students will be expected to follow normal classroom procedures, and be open-minded to and respectful of differing opinions.</p> <p>This course meets the requirements for the IB Middle Years Program and the Social Studies Standards of Wisconsin.</p>		Case ✓	Horlick X	Park X	REAL X	Walden X	Virtual X	
<p><b>IB MYP Ancient to Early Modern World History</b> <b>(NEW)</b></p>	X	✓	X	X	SOC-00007	1	<p>Prerequisite: IB MYP 9th Grade History</p> <p>This course helps students deeply engage with the ancient, medieval, and early modern world. This depth of content allows students to gain all of the skills of our MYP World History Survey course as well as:</p> <ul style="list-style-type: none"> <li>• formulating and effectively following a comprehensive action plan to investigate a research question through a research paper.</li> <li>• consistently documenting sources of information using a recognized convention of footnotes/bibliographies using the Chicago Manual of Style.</li> <li>• completing a detailed discussion of sophisticated concepts, issues, models, visual representation and theories.</li> <li>• developing self-management skills that allow students to become balanced learners, completing required readings both during and outside of the school day.</li> </ul> <p>This course prepares students for IB Contemporary History I and IB Contemporary History II. Topics include social, political, and economic interaction between humans and the environment and cultural elements in Asia, Africa, Europe and Latin America. Emphasis is placed on evaluation of sources, academic reading and writing, critical thinking using the characteristics of the IB learner profile.</p> <p>This course meets the requirements for the IB Middle Years Program and the Social Studies Standards of Wisconsin.</p>		Case ✓	Horlick X	Park X	REAL X	Walden X	Virtual X	
<p><b>World History: From Antiquity to c. 1300</b></p>	X	X	✓	✓	SOC-00001	0.5	<p>World History is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Students will explore the rise of ancient civilizations in Mesopotamia, Egypt under the Pharaohs, China through the Tang dynasty, and the Indus River Valley. Includes major archaeological discoveries, the rise of the Persian Empire and its conquest by Alexander the Great, the many innovations of Classical Greece and Rome, and the origins of modern world religions.</p>		Case X	Horlick X	Park X	REAL X	Walden ✓	Virtual X	



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<b>World History: From 1800 to the Present</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-00002	0.5	World History is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Considers the roles of technology, imperialism, and ideology in this era of unprecedented global conflict and rapid social change. Includes the decline of European colonial empires, the consequences of two World Wars, the impact of Nazism and the Holocaust, and the progress made by women in social and political arenas.		Case ✗	Horlick ✗	Park ✗	REAL ✗	Walden ✓	Virtual ✗
<b>Recent US History</b>	9 ✓	10 ✗	11 ✗	12 ✗	SOC-02702	1	This course focuses on developments in recent United States history from the late 1800s through the present. Topics include the Tribal Nations of Wisconsin, Immigration and Urbanization, Progressivism, Imperialism, World War I, the Roaring Twenties, the Great Depression, World War II, the Cold War, the Post War Boom, Social Change of the 1960s, the Civil Rights Movement, the Vietnam War, and developments through current times. Reading, writing, listening, discussion, and critical thinking skills are stressed.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	VIRTUAL COURSE INFO
<b>African-American History</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02704	0.5	This course examines the history of the African American experience in the United States. In addition to historical development, students will study African American contributions to the social, political, cultural, economic, and intellectual development in the United States.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗
<b>Latino-American History</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02705	0.5	This course examines the history of the Latino-American experience in the United States. In addition to historical development, students will study Latino-American contributions to the social, political, cultural, economic, and intellectual development in the United States will also be studied.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>American Military History</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02707	0.5	This course offers an in depth look at the involvement of the United States in the major wars of the 20th century. Students will gain an understanding of the events leading up to and the direct causes of the military engagements. Topics covered will include technology of war, major battles and tactics, leading military leaders of the times, the home front, and individual achievements and acts of heroism. The course will also discuss the institution of the military as an instrument of foreign policy and as a reflection of a free society.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗
<b>World History</b>	9 ✗	10 ✓	11 ✗	12 ✗	SOC-02712	1	This course features a survey of the major civilizations of the world including social, political, economic, interaction between humans and the environment and cultural elements in Asia, Africa, Europe and the Americas.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	VIRTUAL COURSE INFO
<b>Introduction to IB History</b>	9 ✗	10 ✓	11 ✗	12 ✗	SOC-02715	1	This course prepares students for IB History I and IB History II. Topics include social, political, and economic interaction between humans and the environment and cultural elements in Asia, Africa, Europe and the Americas Emphasis is placed on evaluation of sources, academic reading, writing, and critical thinking using the characteristics of the IB learner profile.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗



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<b>AP World History: Modern</b>	9 ✗	10 ✓	11 ✗	12 ✗	SOC-02716	1	In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	
<b>American Indian History</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02718	0.5	This course will cover the history, migrations, traditions, and cultures of the native peoples who originally inhabited present day North and Central America. An emphasis will be placed on their contributions to American culture through food, music, religion and philosophy.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Sociology</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02722	0.5	In order to help students develop a sense of civic responsibility, this course examines groups, social class, race relations, culture, social institutions, and stratification using the three sociological perspectives and research methods.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	
<b>Sociology Theory (CP)</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02723	0.5	As an essential part of developing a sense of civic responsibility, this course examines groups, social class, race relations, culture, social institutions, and stratification using the three sociological perspectives and research methods. This class will focus on how sociology views society and to develop a broader and more comprehensive understanding of the complex society in which we live.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>PACC Sociology (NEW)</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-00009	0.5	PACC Sociology is a concurrent enrollment PACC course offered in partnership with UW-Parkside. The goal of this course is to understand how/why people interact with one another the way they do, and what societal constructs impact and are impacted by those interactions. We examine social relations, social organization and social systems through the study of process, structure, and function.		Case ✗	Horlick ✗	Park ✗	REAL ✗	Walden ✓	Virtual ✗
<b>AP US History</b>	9 ✓	10 ✗	11 ✗	12 ✗	SOC-02730	1	In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	
<b>American Government</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02732	0.5	As an essential component of becoming civically responsible, this course examines the Constitution, the principles which underlie democratic government including all three branches, the structure and function of all three levels of government, and the rights and responsibilities of citizenship.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	





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	<p><b>AP US Government &amp; Politics</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02734	1	<p>AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.</p>		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	
	<p><b>American Politics</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02735	0.5	<p>American Politics is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Examines institutions, processes and dynamics of the American governmental system emphasizing problems of policy making in a pluralistic democratic system.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
	<p><b>Economics</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02742	0.5	<p>This course helps students understand the fundamentals of how our society allocates resources to overcome the problems of scarcity as well as teaches financial literacy. There are three main parts to the course: an introduction to the study of economics, microeconomics, and macroeconomics.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	
	<p><b>Economic Theory (CP)</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02743	0.5	<p>Economics is the study of how human beings make decisions regarding use of resources. Emphasis will be on applied economics, including use of money, banking, supply and demand, and the organization of businesses and corporations. The course will also place an emphasis on comparative economic systems.</p>		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
	<p><b>AP Microeconomics</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02745	0.5	<p>AP Microeconomics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.</p>		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	
	<p><b>AP Psychology</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02749	1	<p>The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, clinic, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.</p>		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✓	



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<b>AP Human Geography</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02752	1	AP Human Geography introduces high school students to college-level introductory human geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	
<b>Psychology</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02753	0.5	This course gives a general overview of psychology focusing on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Major emphasis will be placed on research methods, stages in childhood and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	
<b>Criminology</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02755	0.5	This course provides a general introduction to the study of criminal behavior from an interdisciplinary perspective. Criminological theories of crime and criminality from classical theories to modern developmental theories will be carefully examined. Students will learn to review and interpret various data sources from the Uniform Crime Reports, the National Crime Victimization Survey, and self-reports.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	
<b>PACC Criminology (NEW)</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-00010	0.5	PACC Criminology is a concurrent enrollment PACC course offered in partnership with UW-Parkside. The goal of this course is to understand what crime is and why it occurs. This class will focus heavily on defining crime, theories of why crime exists, and end with specific types of crime. We will work to introduce agencies and processes involved in the criminal justice system: law enforcement, the courts, corrections and juvenile justice. We will analyze the roles and problems within criminal justice agencies in a democratic society.		Case ✗	Horlick ✗	Park ✗	REAL ✗	Walden ✓	Virtual ✗
<b>Current Events: US and World Issues</b>	9 ✓	10 ✓	11 ✓	12 ✓	SOC-02756	0.5	This course focuses on contemporary issues of national and international importance. Students will use a variety of resources including newspapers, paper and digital sources.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✗
<b>IB History 1</b>	9 ✗	10 ✗	11 ✓	12 ✗	SOC-08703	1	This college level course examines topics about the social, political, diplomatic, military and economic history of Europe and the world from the mid-19th century through the Second World War. Emphasis is placed on evaluation of sources, academic reading and writing, and critical thinking using the characteristics of the IB learner profile. IB History is an HL, which means that it is a 2-year course.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<b>IB History 2</b>	9 ✗	10 ✗	11 ✗	12 ✓	SOC-08723	1	The history of Europe and the world from the Second World War to the present with emphasis on causes, practices and effects of War in the 20th Century, rise and rule of single party states, the Cold War, and the interactions of selected 20th century states in Asia, Europe and the Americas. Students write a major historical investigation and complete a self-guided study of basic government and personal finances. Emphasis is placed on evaluation of sources, academic reading and writing, and critical thinking using the characteristics and elements of the IB learner profile. IB History is an HL, which means that it is a 2-year course.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗



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IB Theory of Knowledge	9	10	11	12	SOC-08729	0.5 (JR) 0.5 (SR)	The overall aim of Theory of Knowledge (TOK) is to encourage students to formulate answers to the question “how do you know?” in a variety of contexts, and to see the value of that question. This allows students to develop an enduring fascination with the richness of knowledge. It is a course that develops critical thinking and encourages students to inquire into the process of knowing with emphasis on discussion and reflection. It provides an opportunity for students to reflect on the nature of knowledge and to make connections between areas of knowledge through an interdisciplinary approach to learning. Both semesters during the two years are required to earn the Full Diploma.		Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓					✓	✗	✗	✗	✗	✗
IB Psychology	9	10	11	12	SOC-08730	1	IB Psychology is a rigorous course that encompasses the scientific study of mental processes and human/animal behavior. Students explore the biological, cognitive, and sociocultural perspectives of this field with an emphasis on the most current research in the field of psychology. It includes learning about psychological research methods as well as quantitative and ethical research considerations. The completion of an experimental study is required.		Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓					✓	✗	✗	✗	✗	

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**TECHNOLOGY AND ENGINEERING EDUCATION**

All courses contain elements of the study of industry as an institution of America with free enterprise as a central focus. Academic competencies, especially in mathematics, science and economics, are integrated into the program in which concepts; applications, problem solving and critical thinking are more fully utilized at proper cognitive levels.

**Project Lead the Way**, one component in Technology Education, is a pre-engineering program that is dedicated to preparing middle and high school students for careers in the technical, high-wage sector of engineering and engineering technology. The courses offer Dual credits at many colleges and universities across the country.

All students are encouraged to join the Technology and Engineering related student leadership organization - **SkillsUSA**. Career and Technical Student Organizations (CTSO) are a basic component of Career and Technical education programs, found in middle and high schools throughout Wisconsin that support and enhance school-based and work-based learning. They provide students with skills and knowledge that will help them succeed in the global economy. The benefits to students who join a CTSO include: enabling students to achieve high academic and occupational standards, developing meaningful career and skill-developing partnerships, linking school-based learning to the real world of work and family, motivating youth to become better students and productive citizens, developing school and community leaders, and enhancing student self-esteem and self-confidence. Students are able to participate in leadership labs, volunteering and giving back to the community, as well as local, regional, state, and national competitions.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>Introduction to Welding</b>	✓	✓	✓	✓	TEC-00002	0.5		Students will learn the basic theory and practical experience for arc and gas welding techniques. The course will emphasize safety, equipment usage, and proper welding procedures. Metallurgy and phase changes will be explored in different types of metals, iron (ferrous) and non-iron based (non-ferrous).		✓	✗	✓	✗	✗	✗
<b>General Aviation</b>	✓	✓	✓	✓	TEC-00009	1		Students will be provided an overview to general aviation and exposed to careers such as aircraft mechanics, pilots, and flight operation personnel. The following topics will be covered throughout the course: Principles of Flight, Aircraft Construction, Aircraft Weight and Balance, and Aircraft Flight Systems, Flight Deck, Electrical Systems, Corrosion Control, Aircraft Materials and Hardware, and the certification process for different careers. Students will use Federal Aviation Association (FAA) materials to learn about basic aviation phraseology, air traffic glossary, definitions, acronyms and terms.		✗	✓	✗	✗	✗	✗
<b>Introduction to Construction Systems</b>	✓	✓	✓	✓	TEC-00010	1		Students will be provided an introduction to the high demand construction industry through learning about basic building materials, components, methods, and career pathways. Students will gain their first exposure to the safe utilization of hand and power tools, project-based applications, and proper selection and use of materials. Students will have the opportunity to earn construction certifications and network with construction professionals to learn about the different trades.		✓	✓	✓	✗	✗	✗



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	9	10	11	12				Case	Horlick	Park	REAL	Walden	Virtual
<b>Introduction to Fabrication</b>	✓	✓	✓	✓	TEC-00011	1		✓	✗	✓	✗	✗	✗
<b>Robotics &amp; Mechatronics Seminar</b>	✓	✓	✓	✓	TEC-00013	1		✗	✗	✓	✓	✗	✗
<b>Airframe</b>	✗	✓	✓	✓	TEC-00016	1		✗	✓	✗	✗	✗	✗
<b>Propulsion</b>	✗	✗	✓	✓	TEC-00017	1		✗	✓	✗	✗	✗	✗
<b>Advanced Construction Systems</b>	✗	✓	✓	✓	TEC-00018	1		✓	✓	✓	✗	✗	✗



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<p><b>Residential/ Commercial Construction</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-00019</p>	<p>1</p>	<p>Prerequisite: Successful completion of Advanced Construction Systems.</p> <p>Students complete their Construction Pathway through a focus on residential or commercial construction techniques. Students completing the pre-apprenticeship program will determine construction layouts, construct walls with door and window openings, assemble practice roofs, hang and finish drywall, and install ceilings. Students will have the opportunity to earn construction certifications and network with construction professionals to learn about the different construction trades.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Project Lead the Way – Engineering Design &amp; Development</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>TEC-00020</p>	<p>1</p>	<p>Prerequisite: Successful completion of Principles of Engineering &amp; 12th Grade student.</p> <p>The knowledge and skills students acquire throughout Project Lead The Way - Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Project Lead the Way – Cybersecurity</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-00021</p>	<p>1</p>	<p>Prerequisite: Successful completion of Project Lead The Way - Computer Science Principles.</p> <p>Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Fundamentals of Blueprint Reading and Shop Safety</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-00022</p>	<p>0.5</p>	<p>Prerequisite: Successful completion of Introduction to Fabrication.</p> <p>This course provides students with the skills to read and interpret information found on production prints. Rectangular coordinate and inch/metric systems will be covered and will allow students to perform math calculations to obtain necessary dimensions and tolerances shown by symbols, notes and various views. Students will also study general shop safety for a machining environment, raising the awareness of workers to the hazards around them and identifying work and personal safety practices. Other safety topics will be covered, including MSDS sheets, personal protective equipment, and lockout tag out. Students will have the opportunity to earn high demand industry certifications.</p>		<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<p><b>Gauging and Quality Control</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-00023</p>	<p>0.5</p>	<p>Prerequisite: Successful completion of Introduction to Fabrication.</p> <p>Students will learn to apply blueprint specifications, perform production math calculations, understand geometric dimensions and tolerances, and correctly use different analog and digital measuring instruments, including micrometers, calipers, scales, gauges (height, plug, thread, and surface roughness) and optical comparators. Methods and applications of Statistical Process Control (SPC) will be explored, with an emphasis on concepts of central tendency, variation and normal distribution of data. Students will have the opportunity to earn high demand industry certifications.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>CNC Machining Technology</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-00024</p>	<p>1</p>	<p>Prerequisite: Successful completion of Level Two Courses for Fabrication &amp; CNC-Machining Pathway.</p> <p>Students will be introduced to Computer-Numeric-Control (CNC) machining processes and the technologies that supports it. Students will program and operate CNC machines to drill, ream, tap, counterbore, and countersink while defining and calculating speed and feed rates, identifying screw threads, and sharpening tools. Students will use both manual and CNC equipment to practice and develop their skills. Students will have the opportunity to earn high demand industry certifications.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Electronic Circuits DC/AC</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-00026</p>	<p>0.5</p>	<p>This course provides students an introduction to the scientific foundation and applications for electronics technology. Students will study DC/AC forms of current, voltage, resistance, capacitance, inductance, and power. Problem solving and troubleshooting skills will be practiced and emphasized in lab activities. Students will be exposed to technical reports used in the field.</p>		<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Automated Manufacturing Concepts &amp; Programming</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-00029</p>	<p>1</p>	<p>Prerequisite: Successful completion of Robotics &amp; Mechatronics Seminar.</p> <p>Students will continue their knowledge and skill development with robotic programming and safe operation. Different types of industrial robots and their application will be explored. Mathematical concepts will be put into practice while students safely setup, record programs, test and operate robotic and automated equipment. Students will have the opportunity to earn high demand industry certifications.</p>		<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Industry 4.0</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-00030</p>	<p>1</p>	<p>Prerequisite: Successful completion of Automated Manufacturing Concepts &amp; Programming or Approved REAL School student in the Advanced Manufacturing / Robotics Pathway.</p> <p>Students will be introduced to the next generation of manufacturing, Industry 4.0, which entails machines talking to machines and analyzing data. The Industrial Internet of Things (IIoT) involves smart sensors, data analytics, network communications, and Internet Communications. Students will utilize these theories and components to learn about and prepare for the next phase of manufacturing. Students will have the opportunity to earn high demand industry certifications.</p>		<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<b>SolidWorks 1</b>	✗	✓	✓	✓	TEC-00031	0.5	This course is available only to REAL School students in the Gateway Technical College Engineering Pathway. Students use SolidWorks software to create solid models of various machine components. They will also convert solid parts into conventional 2D Orthographic Drawings, which include dimensions, sections, and auxiliary views. Students will also develop assemblies and configurations of various parts.		✗	✗	✗	✓	✗	✗
<b>SolidWorks Advanced</b>	✗	✓	✓	✓	TEC-00032	0.5	This course is available only to REAL School students in the Gateway Technical College Engineering Pathway. Students will continue their learning about SolidWorks to create assembly drawings, exploded isometric drawings, customization, sheet metal drawings, import/export functions, thin features, and the use of Microsoft Office features to increase productivity. Students will also have an exploration of material properties and nano-technology applications.		✗	✗	✗	✓	✗	✗
<b>Intro to Advanced Manufacturing</b>	✓	✗	✗	✗	TEC-00033	1	This course is available only to REAL School Students in the Gateway Technical College partnership program. This year-long course will provide students with an introduction to 8 different areas of Engineering, Manufacturing, Machining, and Information Technology. Students will be located at the SC Johnson iMET Center and spend five weeks in each area.		✗	✗	✗	✓	✗	✗
<b>Building/Home Systems</b>	✗	✓	✓	✓	TEC-00036	1	HORLICK HIGH SCHOOL ONLY - This course is for the individual who is faced with the task of repair and maintenance of a home or is exploring careers in facility and building maintenance. The course deals with repairs of existing structures rather than the installation of new facilities. An introduction to the safe use of tools, processes and materials as well as basic maintenance and building systems will be covered.		✗	✓	✗	✗	✗	✗
<b>Electrical Devices 1</b>	✗	✓	✓	✓	TEC-00037	0.5	Prerequisite: REAL School Electrical Engineering Pathway student. The basic operating principles of diodes, transistors, and linear ICs are presented as they are used in rectifier, amplifier, and oscillator circuits. Lecture theory is reinforced with laboratory assembly, measurements, troubleshooting, and technical report writing.		✗	✗	✗	✓	✗	✗
<b>Industrial Electronics</b>	✗	✓	✓	✓	TEC-00038	0.5	Prerequisite: REAL School Electrical Engineering Pathway student. Covers industrial electrical control using motor starters, relays, pushbuttons, as well as variable speed control of DC motors and power distribution for industry.		✗	✗	✗	✓	✗	✗
<b>Introduction to Industrial Control Systems</b>	✗	✗	✓	✓	TEC-00039	0.5	This course is intended for REAL School Advanced Manufacturing / Robotics Pathway students. In this course, learners are introduced to basic concepts of industrial computer-controlled systems. The learner explores various types of programming using robots and PLC and participates in lab experiments designed to introduce programming principles, electronic inputs and outputs (analog and digital), and communication between system components including Ethernet protocols. At the completion of the course, learners will be able to explain how the control processes are utilized to automate manufacturing facilities.		✗	✗	✗	✓	✗	✗





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	9	10	11	12																
<b>Introduction to Industrial Internet of Things</b>	✗	✗	✓	✓	TEC-00040	0.5	In this course, learners are introduced to theoretical and practical topics of the Industrial Internet of Things (IIoT). The learner investigates the range of sensor and actuator devices available, ways in which they communicate and compute, methods for getting information to and from IIoT-enabled devices, and ways of visualizing and processing data acquired from the IIoT. Upon completion, learners will utilize hardware and software to construct a sensor network within an existing system and utilize industry standard tools to visual the acquired data.  Upon successful completion students will receive 4 GTC credits.		Case	Horlick	Park	REAL	Walden	Virtual	✗	✗	✗	✓	✗	✗
<b>Fundamentals of CNC Machining</b>	✗	✗	✓	✓	TEC-00041	0.5	This course is intended for REAL School CNC/Tool & Die Pathway students.  This course is designed to give students a familiarization with the necessary practices and techniques used to operate Computer Numerical Controlled (CNC) machines. Some of the topics covered include CNC machine introduction, safe practices and techniques used to remove material, basic CNC machine maintenance, and production support equipment use and operation. Actual run time in the lab will be provided for hands on machine operation. Students will work in groups and as individuals to gain experience in machine operation during a production run, applying theories learned to the production process.		Case	Horlick	Park	REAL	Walden	Virtual	✗	✗	✗	✓	✗	✗
<b>DC/AC 2</b>	✗	✗	✓	✓	TEC-00042	0.5	Advanced topics, such as complex networks, applicable theorems, polyphase systems, and passive filters, will be discussed. Computer simulation software will be used to reinforce theoretical analyses.		Case	Horlick	Park	REAL	Walden	Virtual	✗	✗	✗	✓	✗	✗
<b>Introduction to Mechatronics</b>	✓	✓	✓	✓	TEC-00043	0.5	In this course, learners are introduced to microprocessor controlled electromechanical systems. The learner examines how individual components work, and how they are integrated into simple systems. Upon completion of the course, learners will understand what technicians do in the workplace and how industry utilizes Mechatronics in advanced manufacturing. NC3 Certifications: Intro to Mechatronics.		Case	Horlick	Park	REAL	Walden	Virtual	✓	✗	✗	✓	✗	✗
<b>Mechanical Skills</b>	✓	✓	✓	✓	TEC-00044	0.5	In this course, learners explore basic mechanical skills and repair techniques common to most industrial maintenance fields. Learners examine common types, components, operating principles, and maintenance procedures for belt drive systems, chain drive systems, clutches, shafts, and gears. Learners investigate the use and care of hand tools and small power tools, drilling, tapping, removal of broken bolts, studs, and helicoil insertion. Learners examine the type and use of fasteners and lubricants used in automated machines. Upon completion of this course, learners will be able to explain the mechanical skills and repair techniques used in industrial maintenance.		Case	Horlick	Park	REAL	Walden	Virtual	✓	✗	✗	✓	✗	✗



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	<p><b>CNC Lathe Setup</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-00046	0.5	<p>This course is intended for REAL School CNC Pathway students.</p> <p>Students will produce and troubleshoot CNC lathe set-ups from job packets and machine parts to blueprint specifications. Students will learn simple G and M codes, download programs to machines, graphically verify programs, and prove out parts on 2-axis turning center utilizing various CNC controllers. Set-ups will include faceting, turning, drilling, grooving, and thread operations. Students will also learn to produce some simple tooling necessary to complete various set-ups.</p>	<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
	<p><b>Electrical Devices 2</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-00047	0.5	<p>This course is intended for REAL School Electrical Engineering Pathway students.</p> <p>Introduction to unipolar transistors, JFETs, and MOSFETs being used in linear and nonlinear circuits. Students will use high frequency analysis with both bipolar and unipolar transistors. Operational amplifiers are used as linear amplifiers and in nonlinear circuits. Some circuits covered include voltage amplifiers, summing amplifiers, instrumentation amplifiers, active filters and oscillators.</p>	<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
	<p><b>Fluid Power and Design</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-00048	0.5	<p>This course is intended for REAL School Advanced Manufacturing Pathway Student.</p> <p>This course is designed to give the student a foundation in hydraulics and pneumatics. The units of instruction will cover components, general operating characteristics and principles, fluid power systems, and problem-solving techniques required to put these systems together.</p>	<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
	<p><b>Introduction to Manufacturing Quality Systems</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-00049	0.5	<p>This course is intended for REAL School Advanced Manufacturing Pathway students.</p> <p>In this course, learners explore skills and tools necessary to fully participate in a lean, continuous improvement manufacturing environment. These include standardized work instructions, Total Productive Maintenance (TPM), mistake-proofing, changeover reduction, ergonomics, root cause analysis, Six Sigma, and quality management. Learners are introduced to basic statistical tools and fundamental concepts needed to improve and control industrial processes. Upon completion of the course, learners will be able to use statistical tools to improve processes, define problems, set priorities, predict outcomes, and identify causes of quality problems.</p>	<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✓</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
	<p><b>Introduction to Robotics and Maintenance</b></p>	9 ✓	10 ✓	11 ✓	12 ✓	TEC-00050	1	<p>This course is a year-long course where students will explore safety in manufacturing, overview of, and the career pathways of modern manufacturing. Students will participate in many group projects including 3D printing and robotics. This course will also explore the functions, building, programming, and maintenance of robotics.</p>	<p>Case ✗</p>	<p>Horlick ✓</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
	<p><b>Machining for Maintenance</b></p>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-00051	0.5	<p>A study and practice of manual machining to prepare students for careers in maintenance fields. Covers shop safety practices in a machine shop, the use of manual milling machines, lathes, saws and drill presses to manufacture parts to print. This class also covers the use of basic metrology instruments to determine if the parts are to print. Calculation and application of correct cutting parameters of selected materials and tools is practiced.</p>	<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<b>Advanced Manufacturing Network Systems</b>	9 X	10 X	11 X	12 ✓	TEC-00052	0.5	In this course, students examine networks and protocols used in advanced manufacturing systems. They investigate hardware components, data transmission systems, communication lines, data sets, and interface protocols. Upon completion of the course, students will be able to analyze networking systems for advanced manufacturing.		Case X	Horlick X	Park X	REAL ✓	Walden X	Virtual X
<b>Motor Controls for Manufacturing</b>	9 X	10 X	11 ✓	12 ✓	TEC-00053	0.5	In this course, learners examine the fundamentals of electrical AC/DC/Servo/Stepper motors and motor controls. Learners will examine electrical safety work practices and apply NFPA 70 and NEC safety codes to various situations. Motor control devices and components (motor drives, relays, timers, counters, motor contactors, overloads) including electromechanical and solid state equipment will be presented. Learners will operate motors using PLCs. Upon completion of the course, learners will apply ladder logic, wiring diagrams, and PLCs to advanced manufacturing machines.		Case X	Horlick X	Park X	REAL ✓	Walden X	Virtual X
<b>Industrial Control System Application</b>	9 X	10 X	11 ✓	12 ✓	TEC-00054	0.5	In this course, learners develop machine process automation control systems with temperature, pressure, flow, and level controls. Learners investigate the utilization of PID loops in PLC program design. Learners program a PLC using vision, smart sensors, Servos, motor controls, and analog IO. Learners develop PLC programs including Human Machine Interface (HMI) with displays for machine input and output data. Upon completion of the course, learners will be able to build a PLC motion project for basic machine process automation control systems.		Case X	Horlick X	Park X	REAL ✓	Walden X	Virtual X
<b>Programmable Logic Controllers &amp; Human Machine Interface Programming</b>	9 X	10 X	11 X	12 ✓	TEC-00055	0.5	In this course, students develop programming skills for PLCs (Programmable Logic Controllers) and HMI (Human Machine Interfaces). Students create PLC programs in various languages such as Ladder Diagram (LD), Structured Text (ST), Function Block Diagram (FBD), Sequential Function Chart (SFC). Students create visual HMI programs for manufacturing systems. Upon completion of this course, students will be able to create PLC and HMI applications for the manufacturing environment.		Case X	Horlick X	Park X	REAL ✓	Walden X	Virtual X
<b>Microprocessors</b>	9 X	10 X	11 X	12 ✓	TEC-00056	0.5	An introduction to microcomputer programming. Digital codes, registers, and register instruction, logic gates and truth tables are covered. The 7400 series of integrated circuit chips are studied.		Case X	Horlick X	Park X	REAL ✓	Walden X	Virtual X
<b>Advanced Blueprint Reading</b>	9 X	10 X	11 X	12 ✓	TEC-00057	0.5	Review of basic blueprint reading principles. Deals with more forgings, castings and complex prints. New material introduced includes surface textures, fits, auxiliary views, cast iron, pin fasteners, gears, cams, ratchet wheels, and additional GDT coverage. Students read information units, perform mathematical calculations, and answer questions pertaining to part prints.		Case X	Horlick X	Park X	REAL ✓	Walden X	Virtual X
<b>Digital Electronics</b>	9 X	10 ✓	11 ✓	12 ✓	TEC-00058	0.5	Analysis of digital electronic circuits. Realization of logic gates, using TTL and CMOS devices. Verification of theory is accomplished through laboratory experiments with small and medium scale integrated circuits.		Case X	Horlick X	Park X	REAL ✓	Walden X	Virtual X



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<p><b>IB MYP Design 10</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>TEC-00059</p>	<p>1</p>	<p>MYP design challenges all students to apply practical and creative thinking skills to solve design problems; encourages students to explore the role of design in both historical and contemporary contexts; and raises students' awareness of their responsibilities when making design decisions and taking action. Inquiry and problem-solving are at the heart of the subject group. MYP design requires the use of the design cycle as a tool, which provides the methodology used to structure the inquiry and analysis of problems, the development of feasible solutions, the creation of solutions, and the testing and evaluation of the solution. In MYP design, a solution can be defined as a model, prototype, product or system that students have developed and created independently.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Power Systems</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-03710</p>	<p>1</p>	<p>This is an introductory course which includes an orientation, shop procedures and safety related to hydraulics and small engine diagnosis and repair. Included is an introduction to hand and power tool identification and uses, fastener identification and application, and measuring tool identification and use.</p>		<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Transportation Systems</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-03713</p>	<p>2</p>	<p>Prerequisite: Successful completion of Power Systems.  This is a competency-based course in which students work on Fundamentals of Automotive Technology and Automotive Electrical/Electronic Systems. This course prepares students for voluntary Auto Service Excellence (ASE) and NC3 certifications in the areas of Mechanical Torque, Multimeters, and Measurement. Students will earn 6 course credits in the Automotive Technology Program at Gateway Technical College when competencies are met with a grade of C or better. This course incorporates e-learning.</p>		<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Automotive Technician 1</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>TEC-03716</p>	<p>1</p>	<p>Prerequisite: Successful completion of Transportation Systems.  This is a competency-based course in which students work on Automotive Brake Systems, Engine Performance and Mechanical Diagnosis, Computer Controls, Ignition and Fuel Management Systems. This course prepares students for voluntary Auto Service Excellence (ASE) and NC3 certifications with Snap-on Solus Edge Scan Tool, Electronic Torque, Precision Measurement, and the Snap-on Master Rotor Matching Certifications. Students will earn 3 course credits in the Automotive Technology Program at Gateway Technical College when competencies are met with a grade of C or better. This course incorporates e-learning.</p>		<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Auto Technician 2</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>TEC-03718</p>	<p>1</p>	<p>Prerequisite: Auto Technician 1, Permission of Instructor.  This is an ASE Task competency-based course in which the students work on Steering and Suspension Systems, Emission Control, Advanced Engine Performance, Automatic and Manual Transmissions and Drivelines. This course provides dual credit from both RUSD and Gateway Technical College. In addition to the 1 RUSD credit, students completing this course will receive 3 GTC credits (see Page 43 for details). This course is in preparation for voluntary Auto Service Excellence (ASE) certification. This course is taught in the evening, two nights per week, outside of the regular school-day schedule.</p>		<p>Case ✗</p>	<p>Horlick ✗</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<b>Wood Fabrication</b>	9 ✓	10 ✓	11 ✓	12 ✓	TEC-03720	1	Beginning study of all phases of the woodworking industry. Utilization of tools, materials, processes which cut across the woodworking and building trades occupations. This course includes an introduction to CNC (Computer Numerical Control) machining. This course stresses safety and the safe use of machines while designing and building a variety of fun and challenging projects.		Case ✓	Horlick ✓	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<b>Cabinetry</b>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-03721	1	Prerequisite: Wood Fabrication.  Students will learn advanced woodworking skills to complete more complex woodworking techniques and projects. Students will gain more in-depth knowledge and skills in woodworking, turning, furniture making and computer-controlled wood routers.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Project Lead The Way – Civil Engineering and Architecture</b>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-03730	1	Prerequisite: Successful completion of Project Lead The Way - Introduction to Engineering Design.  This course involves a long-term project that develops a local property site. As students learn the various aspects of civil engineering and architecture, they apply what they learn to the design and development of this property. It gives all students a variety of experiences that provide an overview of both fields. Students work in teams, exploring hands-on projects and activities to learn the characteristics of civil engineering and architecture.		Case ✓	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Design for Industry</b>	9 ✗	10 ✗	11 ✓	12 ✓	TEC-03748	1	Prerequisite: One advanced Technical Education Course or Advanced Science Course or concurrent enrollment and instructor's approval.  This course will be an application-based experience of industrial research and development, focusing on problem solving, innovation and creativity. Problem identification, solution generation, material selection, processing and aesthetics will be studied. Students will complete a variety of projects that require development and fabrication of solutions. The projects will be simple and short at first, and then gradually increase in difficulty and time, culminating with the High Mileage Vehicle competition, First Robotics Competition or a similar state or national competition. This course is taught in the evening, two nights per week, outside of the regular school-day schedule.		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Project Lead The Way - Introduction to Engineering Design</b>	9 ✓	10 ✓	11 ✓	12 ✓	TEC-03749	1	Recommended to have completed or be taking concurrently with Geometry Concepts or Geometry.  Introduction to Engineering Design is a course that teaches problem-solving skills by using the design development process. The design process is an engineering activity that turns a concept into reality. The design process from concept to solution is a logical sequence of steps to develop the best solution to a specific problem. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. Units include: Student Portfolio Development Model Analysis and Verification, Sketching and Visualization Presentation, Geometric Relationships Production, Modeling, Assembly Modeling & Marketing.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✗	Virtual ✗



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	9	10	11	12											
<b>Electric/ Electronic Systems</b>	9 ✓	10 ✓	11 ✓	12 ✓	TEC-03750	1	An introductory course providing students with a general introduction to the principles and practical applications of electricity and electronics. The student will study Ohm's Law, basic DC circuits, resistance, magnetism and elements of the communication/energy industry. Technical terminology and the proper use of the test instruments are reinforced. Students will study elements of industry, which relate to the electrical/electronics industry. Students may earn 3 Gateway Technical College credits with a B grade or better in this course.		Case ✗	Horlick ✓	Park ✗	REAL ✓	Walden ✗	Virtual ✗	
<b>Project Lead The Way - Digital Electronics</b>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-03751	1	Prerequisite: Successful completion of Introduction to Engineering Design or Instructor's approval.  The theory and practice of digital electronics is introduced in an applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. (Can be taken for math credit.)		Case ✗	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗	
<b>Electronic Kit Building &amp; Residential Wiring Skills</b>	9 ✓	10 ✓	11 ✓	12 ✓	TEC-03755	0.5	This course will engage students in basic electronics and residential wiring skills. Basic electronic components are constructed to produce operational systems/subsystems such as alarms, clocks, oscillators and other functional labs. The "Basic House" wiring phase will introduce common residential wiring problems encountered in our everyday lives.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗	
<b>Printing and Graphic Design 1 &amp; 2</b>	9 ✓	10 ✓	11 ✓	12 ✓	TEC-03760	1	Layout and design, image transfer, binding and finishing; Printing and Graphic Design 1 & 2 introduces students to the processes and procedures used in the printing industry to create printed products. Students will create and develop their own ideas, designs and graphic images using the Adobe In-Design. They will also print their designs using various image transfer processes including screen-printing and offset lithography. Designs and projects will be printed on various mediums including assorted papers, T-shirts, and mirrors. Students will also be introduced to digital photography using Aperture.		Case ✓	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗	
<b>Printing and Graphic Design 3</b>	9 ✗	10 ✓	11 ✓	12 ✓	TEC-03761	1	Prerequisite: Printing and Graphic Design 1 & 2; Department Approval.  Students develop skills and learn the proper procedures for producing mechanicals used in paste-ups for printing forms, flyers and newsletters. This course targets copy preparation, offset press operations and multi-color screen-printing. Units include: advanced composition, conventional plate-making, computer to plate plate-making, operation of a two color offset press, offset make ready, offset press troubleshooting, two and four color press runs, and printing halftones. The students will continue to develop skills using Adobe In-Design, Adobe Photoshop, with the emphasis on Adobe Illustrator.		Case ✓	Horlick ✗	Park ✓	REAL ✗	Walden ✗	Virtual ✗	



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Course	9	10	11	12	TEC	Credits	Description	Case	Horlick	Park	REAL	Walden	Virtual
<b>Printing and Graphic Design Capstone 4</b>	✗	✗	✓	✓	TEC-03762	1	Prerequisite: Printing and Graphic Design 3; Department Approval.  The student in Printing and Graphic Design Capstone uses the knowledge and skill learned in the Printing and Graphic Design 1 & 2 and 3 classes to experience the overall operation of running a small print shop. With this course the student will be responsible for selecting different type styles, ink colors, and papers in order to print various types of jobs. Students will be introduced to large format printing. There is an emphasis on developing skills and knowledge using Adobe Photoshop and Aperture. Students may earn 3 Gateway Technical College credits with a B grade or better in this course.	✗	✗	✓	✗	✗	✗
<b>Printing and Graphic Design RISE</b>	✗	✗	✓	✓	TEC-03764	1	Prerequisite: Successful completion of Printing and Graphic Design Capstone 4.  This course is a job-simulated shop where the individual runs the production for the school, using what was learned in the four Graphic Communication Systems and putting that knowledge to practical use. Instructor approval is required for RISE credit.	✗	✗	✓	✗	✗	✗
<b>Metal Fabrication and Machining</b>	✓	✓	✓	✓	TEC-03770	1	Students study methods of tools, materials, and processes of metal which comprise manufacturing as an industry. The use of metal working tools and machines are emphasized. This class includes both manual and CNC machine tools. The student will learn programming and operations on the CNC lathe and mill. Sheet metal, casting and welding are also introduced.	✓	✗	✓	✗	✗	✗
<b>Advanced Metal Fabrication and Machining</b>	✗	✗	✓	✓	TEC-03771	1	Prerequisite: Completion of Metal Fabrication and Machining.  Students will continue their study of tools, materials and processes with the production of metal. Advanced metalworking techniques with lathes, mills, sheet metal tools, casting, welders, and CNC machines will be developed.	✗	✗	✓	✗	✗	✗
<b>Manufacturing RISE</b>	✗	✗	✓	✓	TEC-03774	1	Prerequisite: Completion of Manufacturing Capstone Program; Department Approval.  This is for the student who has completed the full manufacturing program and who chooses to pursue advanced training in the field and/or to serve as a teacher's helper. (Lab/Material fee required.)	✗	✗	✓	✗	✗	✗
<b>Project Lead The Way - Computer Integrated Manufacturing</b>	✗	✗	✓	✓	TEC-03778	1	Prerequisite: Successful completion of Project Lead the Way Introduction to Engineering Design.  This advanced level engineering course offers a learning opportunity for students to learn concepts of robotics and automated manufacturing by creating three-dimensional designs with modeling software and producing models of their designs.	✗	✗	✗	✓	✗	✗
<b>Building/Home Maintenance</b>	✓	✓	✓	✓	TEC-03780	0.5	This course is for the individual who is faced with the task of repair and maintenance of a home or is preparing for employment in the custodial services. The course deals with repairs of existing structures rather than the installation of new facilities. Application of the information gained from this course can save the "do-it-yourselfer" time, money and frustration when performing building repairs.	✓	✓	✓	✗	✗	✗



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<b>Photo Systems 1</b>	9 ✓	10 ✓	11 ✓	12 ✓	TEC-03790	0.5	This course introduces students to the fundamentals of digital photography. Students learn about cameras and how to take pictures. All photo work is done in color and/or black and white. Students will also be introduced to the digital photography programs, iPhoto and Aperture.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Photo Systems 2</b>	9 ✓	10 ✓	11 ✓	12 ✓	TEC-03791	0.5	Prerequisite: Photo Systems 1.  This course provides advanced training in photo composition, photo essay, school publications, photo enterprise and other activities including advanced color digital photography techniques. Digital photography will be introduced using Adobe Photoshop as well as advanced techniques using Aperture.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗

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**THEATER ARTS AND SPEECH**

Theater Arts and Speech courses are enrichment courses, which may require a commitment of time after school. Freshman, sophomore and junior students may take speech as an extra elective class, which fulfills part of the fine arts graduation requirement. Senior students may elect one semester of Speech (2261) instead of one semester of a 12<sup>th</sup> grade elective English course if they have not already taken speech in 9<sup>th</sup>, 10<sup>th</sup>, or 11<sup>th</sup> grade.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
Speech	✓	✓	✓	✓	STA-02261	0.5		This is a beginning course in principles of oral communication designed to develop confidence and precision through classroom speaking. (May be taken for English credit when not used as an elective credit for another requirement.)		✓	✗	✓	✗	✓	✗
Oral Interpretation	✓	✓	✓	✓	STA-02262	0.5		The student learns how to choose and prepare pieces of prose, poetry and dramatic literature to read aloud for the listening pleasure of others.		✗	✗	✓	✗	✗	✗
Persuasive Speaking	✓	✓	✓	✓	STA-02263	0.5		Prerequisite: Successful completion of Speech. The student learns about argumentation techniques used in speaking. The main emphasis is on discussion and debate. Students are expected to use note taking and research skills.		✗	✗	✓	✗	✗	✗
Performance Survey	✓	✓	✓	✓	STA-02264	0.5		This semester-long course is an introduction to speech/drama electives. Included will be a survey of speech, oral interpretation, acting, persuasive speaking, theater company, play reading/writing, and radio drama. This course may not be taken if the student has had any previous speech/drama course in high school.		✓	✗	✓	✗	✗	✗
Acting	✓	✓	✓	✓	STA-02271	0.5		The student studies the art of performance and acting. This includes but is not limited to stage presence, motivation, various acting styles, acting in groups, improvisation, audition experience, theater safety, and theater history. Includes activities outside classroom time.		✓	✓	✓	✗	✗	✗
Media Production	✓	✓	✓	✓	STA-02273	0.5		Students will learn basic strategic use of digital media (e.g. textual, graphical, audio, visual and interactive elements) in production of presentations. These include but are not limited to audio/video production, radio and TV commercials, video autobiographies, and podcasts.		✓	✓	✓	✗	✗	✗
Advanced Media Production	✗	✓	✓	✓	STA-02274	1		Prerequisite: Successful completion of Media Production. Students experience both technical and performance aspects of television production. Students write, script, produce, and direct many kinds of productions such as interviews, informative programs and news. Students learn to operate many types of video equipment. On-camera, in-studio and post-production methods for audio and video editing are also a part of the production experience. This course may be repeated. Includes activities outside classroom time.		✓	✓	✓	✗	✗	✗
Theater Company 1	✓	✓	✓	✓	STA-02276	0.5		Prerequisite: Successful completion of Acting. Freshmen are required to obtain permission from the theater director. The student learns about the purpose of theater and examines both its technical and artistic parts. The student will be involved in a production before an audience. This course may be taken for an additional ½ credit. Includes activities outside classroom time.		✓	✓	✓	✗	✗	✗



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<b>Theater Company 2</b>	9 ✗	10 ✓	11 ✓	12 ✓	STA-02277	0.5	Prerequisite: Successful completion of Theater Company 1.  The student learns about the purpose of the theater and examines both its technical and artistic parts. The student will be involved in helping to produce a play. This course may be taken for an additional ½ credit. Includes activities outside classroom time.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Stagecraft 1</b>	9 ✓	10 ✓	11 ✓	12 ✓	STA-02278	0.5	The student becomes familiar with the technical parts and safety procedures of the theater including but not limited to design, sets, lighting, properties, costume, crewing, scenic construction, and theater management. This course includes drawing design. Includes activities outside classroom time.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>Stagecraft 2</b>	9 ✗	10 ✓	11 ✓	12 ✓	STA-02279	0.5	Prerequisite: Successful completion of Stagecraft 1.  The student applies the knowledge learned in Stagecraft 1 in a laboratory situation. Independent work is stressed. This course may be taken for a maximum of 1 and 1/2 credits. Includes activities outside classroom time.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗

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VIRTUAL LEARNING

The Racine Unified School District is pleased to offer a virtual learning program that is designed to fit a variety of student educational needs. It is our vision to make virtual personal. And it is our mission to provide opportunities for student success outside the traditional classroom in rigorous leading-edge ways through personal virtual coursework and mentorship.

Each of our over 350 offerings carry equal weight and quality as their face-to-face counterparts. In partnership with the Wisconsin eSchool Network, we deliver our courses using a variety of instructional technology tools to engage learners anytime and anywhere at any pace.

With over 100 certified online content teachers in Racine and with hundreds more in the Wisconsin eSchool Network, the teacher is a vital component of online instruction. Our students learn from dedicated teachers across the network who ensure the success of their learners. Our teachers ensure students do not learn in isolation but engage with their peers and instructor often and in a variety of ways.

There are a variety of options for students to engage in the virtual learning program through RUSD. Students with a compelling need may take one or two courses as a supplement to their traditional high school schedule. There is also a hybrid option that leverages the high school A/B schedule where one day is focused on courses in the face-to-face environment, and the other focuses on virtual coursework that may be done either in the traditional school environment, at the office of virtual learning, or at home as determined by the school counselor and online mentor teacher. And we offer a full-time virtual learning option for students where all coursework is completed through virtual coursework with the office of virtual learning.

The process to enroll into a virtual learning supplemental course, or one of the other options, must first start with a meeting with the student and counselor. The student’s counselor can then help to determine which option to pursue based on whether the student has a compelling need to take a course (see below). Counselors are able to enroll students directly into a supplemental course without consultation with the office of virtual learning.

Should the student wish to pursue a hybrid or full-time option, a meeting must be convened with the school counselor, the student, a parent or guardian and a representative from the office of virtual learning to discuss the expectations and change of programming. Students will not be allowed to directly enroll in either of these options without this consultation.

Compelling Need

Supplemental course requests should meet a compelling need requirement listed below. All courses are subject to teacher and space availability. There is no guarantee of course availability.

Meets Compelling Need

1. The course is needed for the student to be “on pace” for graduation with their grade cohort.
2. The student failed the requested course in a face-to-face course environment.
3. The student wishes to improve a grade in order to meet admissions criteria for another institution or opportunity, except valedictorian.
4. The student has a documented individualized condition or situation that makes a face-to-face course at the home school an inappropriate, unsafe, or otherwise an undesirable scheduling option.
5. The student has a school schedule conflict that cannot be resolved to maintain student’s ability to be “on pace” for graduation with his/her grade cohort.
6. The course is available at other schools, but not available at the student’s home school.
7. The course is not available at the home school, and the virtual learning course provides students with their next level of challenge or next course sequence as documented by their support team or transcript.
8. The course provides a preferable option to enrolling in a Start College Now or Early College Credit course, provided the appropriate criteria are met.

Does Not Meet Compelling Need

1. The student wishes to take a virtual learning course without articulating a compelling need.
2. The student wishes to avoid taking a required course at the home school simply due to conflicts with teachers and/or peers.

Counselors determine final approval for online course enrollment. All appeals should be directed, in writing, to the Director of Digital & Virtual Learning.

Please visit <http://www.rusd.org/virtual> for additional information. If there are further questions, contact a school counselor, [rvt@rusd.org](mailto:rvt@rusd.org), or 262-664-8734.



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Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>Beginning Painting</b>	✓	✓	✓	✓	ART-00001-V1	0.5		This course introduces students to classical and contemporary painting- techniques and concepts- with emphasis on the understanding of its formal language and the fundamentals of artistic expression. Painting from still life- landscape- and life models from observation will be geared towards realism; at the same time- various other painting styles could be explored. Color theory- linear perspective- compositional structure- figure/ground relationships- visual perception- spatial concepts- and critical thinking skills will all be emphasized. Students will study and research major painting styles and movements in historical context. The hope is that students will use this global approach to develop a 'critical eye' in evaluation of contemporary painting. Acrylic and watercolors are the mediums used in this class. The main emphasis of this course is to encourage and nourish individuality and creativity.		✓	✓	✓	✓	✓	✓
<b>Entrepreneurship 1a: Introduction</b>	✓	✓	✓	✓	BMI-00019-V1	0.5		Do you dream of owning your own business? This course can give you a head start in learning about what you'll need to own and operate a successful business of your own. Students will explore creating a business plan, financing a business, and pricing products and services. Students will also learn more about the regulations that apply to businesses, marketing products and services, and the legal and ethical guidelines that govern businesses.		✓	✓	✓	✓	✓	✓
<b>Hospitality and Tourism 1: Traveling the Globe</b>	✗	✓	✓	✓	BMI-00021-V1	0.5		With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.		✓	✓	✓	✓	✓	✓
<b>Digital Photography S1: Introduction</b>	✓	✓	✓	✓	BMI-02351-V1	0.5		In the digital photography course, students will learn creative photographic skills and processes. Students will build a portfolio of work and explore the fields of photography and graphic arts.		✓	✓	✓	✓	✓	✓
<b>Digital Photography S2: Creating Images with Impact!</b>	✓	✓	✓	✓	BMI-02351-V2	0.5		Prerequisite: Digital Photography S1: Introduction		✓	✓	✓	✓	✓	✓
<b>Personal and Family Finance</b>	✗	✓	✓	✓	BMI-03222-V2	0.5		How do our personal financial habits affect our financial future? How can we make smart decisions with our money in the areas of saving, spending, and investing? This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students will learn more about topics such as taxation, financial institutions, credit, and money management. The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft.		✓	✓	✓	✓	✓	✓



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<p><b>Sports &amp; Entertainment Marketing</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>BMI-03235-V1</p>	<p>0.5</p>	<p>Have you ever wished to play sports professionally? Have you dreamed of one day becoming an agent for a celebrity entertainer? If you answered yes to either question, then believe it or not, you've been fantasizing about entering the exciting world of sports and entertainment marketing. Although this particular form of marketing bears some resemblance to traditional marketing, there are many differences as well—including a lot more glitz and glamour! In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well known entertainers are marketed as commodities and how some of them become billionaires as a result. If you've ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>International Business: Global Commerce in the 21st Century</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>BMI-03275-V1</p>	<p>0.5</p>	<p>From geography to culture, Global Business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected.</p> <p>The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course. Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP Computer Science S1</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>BMI-03280-V1</p>	<p>0.5</p>	<p>Prerequisite: Computer Programming (3282). The AP Computer Science A course is equivalent to the first semester of a college level computer science course. The course involves developing the skills to write programs or part of programs to correctly solve specific problems. AP Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP Computer Science S2</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>BMI-03280-V2</p>	<p>0.5</p>	<p>Prerequisite: AP Computer Science S1</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>



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<b>Foundations of Programming S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-03282-V1	0.5	Computer Programming 1 is a two-semester course that enables students to learn two modern programming languages: Python and Java. The course teaches programming using real-world, practical examples. Students learn Python by controlling the motion and sensory capabilities of a robot. They learn Java by manipulating graphics, images, and audio. Programming is easier than most students think, and students show what they know by choosing projects that are of interest to them. Major colleges and universities are now using this approach to teach introductory computer programming, so students in this course learn the skills necessary to tackle advanced work.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Foundations of Programming S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-03282-V2	0.5	Prerequisite: Foundations of Programming S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Foundations of Game Design S1: Introduction</b>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-03285-V1	0.5	If you're into gaming and want to learn more about design, Game Design is for you. As you work with the Multimedia Fusion 2® software program, you'll get a solid foundation in the fundamentals of game design and development. In this online class, you'll create an impressive portfolio of interactive, engaging games, including: a classic two-player ping pong game, a block breaking action game, a maze game with moving obstacles and collection items, a shooter game where the player protects Earth from alien spaceships, a two-player cooperative scrolling game with a layered background, a scrolling platform game with collection objects, ladders, and multiple levels. The course projects will help you build the skills you need to develop, design, and create games of your own. You'll learn about and use: The MMF2 language of events, conditions, and actions; Genres and types of games; Game objects that track scores, lives, time, and more; Automated, random, and user-controlled movement Libraries; Game sounds; Backgrounds and other game art; Game design concepts such as: Objects, Layers, and frames; Cursors and crosshairs; Particle systems; Visible play area and virtual size; Pixels and coordinates; Calculations; Title and end screens; Looping animations; And more!	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Foundations of Game Design S2: Storytelling, Mechanics, and Production</b>	9 ✓	10 ✓	11 ✓	12 ✓	BMI-03285-V2	0.5	Prerequisite: Foundations of Game Design S1: Introduction	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>The Lord of the Rings: An Exploration of the Films &amp; Their Literary Influences</b>	9 ✗	10 ✗	11 ✓	12 ✓	ELA-00005-V1	0.5	The Lord of the Rings is one of the most popular stories in the modern world. In this course, you will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.	Case ✗	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✓



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	9	10	11	12	Code	Credits	Description	Case	Horlick	Park	REAL	Walden	Virtual
<b>Theater, Cinema, and Film Production 1a: Introduction</b>	✗	✓	✓	✓	ELA-00006-V1	0.5	Lights! Camera! Action! This course will introduce students to the basics of film and theater productions. Students will learn about the basics of lighting, sound, wardrobe, and camerawork for both film and theater settings. The course also explores the history of film and theater and the influence that they have had on society. Students will analyze and critique three influential American films, Casablanca, Singin' in the Rain, and The Wizard of Oz.	✓	✓	✓	✓	✓	✓
<b>English I S1</b>	✓	✗	✗	✗	ELA-02211-V1	0.5	In each unit of the course, we embark on a new journey. Through the study of literature, nonfiction, and life, we will explore the unknown, search for identity and equality, and seek achievement, opportunity, and understanding. You will read to analyze the way language is used to express human motivation and research to examine the results of actions in the real world. The lessons in each module will give you the tools you need to gain insights from what you read and to use your knowledge in creative and analytical writing.	✓	✓	✓	✓	✓	✓
<b>English I S2</b>	✓	✗	✗	✗	ELA-02211-V2	0.5	Prerequisite: English I S1	✓	✓	✓	✓	✓	✓
<b>English II S1</b>	✗	✓	✗	✗	ELA-02221-V1	0.5	See how the human experience - real life, your life - is the foundation of the best stories, plays, poems, films, and articles. In each unit of the course, we explore a specific aspect of the human experience such as Laughter, Obstacles, Betrayal, and Fear. Through the study of literature, nonfiction, and life, we will explore what it means to be human, what it means to be fulfilled, triumphant, empowered, and transformed.	✓	✓	✓	✓	✓	✓
<b>English II S2</b>	✗	✓	✗	✗	ELA-02221-V2	0.5	Prerequisite: English II S1	✓	✓	✓	✓	✓	✓
<b>English III S1</b>	✗	✗	✓	✗	ELA-02231-V1	0.5	In this course, students will acquire the language, reading, writing, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they dive deeply into the texts presented throughout this course. Students will learn how to effectively research and integrate their findings, as well as cite their sources.	✓	✓	✓	✓	✓	✓
<b>English III S2</b>	✗	✗	✓	✗	ELA-02231-V2	0.5	Prerequisite: English III S1	✓	✓	✓	✓	✓	✓
<b>English IV S1</b>	✗	✗	✗	✓	ELA-02241-V2	0.5	Why do people do what they do? In Senior English, you will have a front row seat for a study of the motives that have driven people's actions for centuries. Along the way you will encounter epic heroes defying danger, tormented minds succumbing to the power of greed and ambition, enlightened thinkers striving for individual rights and freedoms, sensitive souls attempting to capture human emotion, and determined debaters taking a stand on critical issues. You will read to analyze the way language is used to express human motivation and research to examine the results of actions in the real world. The lessons in each module will give you the tools you need to gain insights from what you read and to use your knowledge in creative and analytical writing.	✓	✓	✓	✓	✓	✓
<b>English IV S2</b>	✗	✗	✗	✓	ELA-02241-V2	0.5	Prerequisite: English IV S1	✓	✓	✓	✓	✓	✓



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<p><b>AP English Language and Composition S1</b></p>	9	10	11	12	ELA-02244-V1	0.5	<p>The AP English Language and Composition course will provide high school students with college level instruction in studying and writing various kinds of analytic or persuasive essays on literary and non-literary topics in language, rhetoric and expository writing. Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both their reading and writing should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way writing conventions and language contribute to effectiveness in writing. This course will effectively prepare students for the AP Exam by enabling them to read, comprehend, and write about complex texts, while developing further communication skills on a college level.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>AP English Language and Composition S2</b></p>	9	10	11	12	ELA-02244-V2	0.5	<p>Prerequisite: AP English Language and Composition S1</p>		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>AP English Literature and Composition S1</b></p>	9	10	11	12	ELA-02247-V1	0.5	<p>For a year, participate in an AP upscale dining experience in the AP English Literature and Composition course. Students act as food critics of exquisite literary cuisine. Menu items include reading, analyzing, writing, rewriting, and discussing creations by the master chefs, renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this dining experience equips students with recipes for success in college, in a career and the AP exam.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>AP English Literature and Composition S2</b></p>	9	10	11	12	ELA-02247-V2	0.5	<p>Prerequisite: AP English Literature and Composition S1</p>		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>Creative Writing: Unleashing the Core of Your Imagination</b></p>	9	10	11	12	ELA-02251-V1	0.5	<p>Students create original essays, poems, and short stories in this course, which uses two textbooks and focuses on the four-step process writing model. They read professionally written forms of creative writing as models and then integrate their impressions of these works with their personal life experiences as they compose their own writing projects. Students are encouraged to write about topics they find engaging as they practice writing on the following themes: narration, definition, process analysis, cause and effect, and comparison/contrast. After students turn in each assignment, the teacher supplies detailed suggestions for revision. This feedback helps students learn how to improve their self-expression and self-editing skills.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>Gothic Literature: Monster Stories</b></p>	9	10	11	12	ELA-02266-V1	0.5	<p>From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. Course focuses on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented. By the time students have completed this course, they will have gained an understanding of and an appreciation for the complex nature of dark fiction.</p>		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓





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<p><b>Mythology and Folklore: Legendary Tales</b></p>	9	10	11	12	ELA-02798-V1	0.5	Mighty heroes. Angry gods and goddesses. Cunning animals. Mythology and folklore have been used since the first people gathered around the fire as a way to make sense of humankind and our world. This course focuses on the many myths and legends woven into cultures around the world. Starting with an overview of mythology and the many kinds of folklore, the student will journey with ancient heroes as they slay dragons and outwit the gods, follow fearless warrior women into battle and watch as clever animals outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how they are still used to shape society today.	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓				✓	✓	✓	✓	✓	✓
	9	10	11	12	FCE-00023-V1	0.5	This course prepares students with a variety of skills for independent or family living. Topics covered include child care, home maintenance, food preparation, money management, medical management, clothing care, and more. They also focus on household, personal, and consumer health and safety. In addition, students learn goal setting and decision-making skills, as well as explore possible career options.	Case	Horlick	Park	REAL	Walden	Virtual
	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
	9	10	11	12	FCE-00022-V1	0.5	The process of parenting is more than just having a child and making sure they eat, sleep and get to school on time. Learn what to prepare for, what to expect, and what vital steps a parent can take to create the best environment and life for their child. Parenting roles and responsibilities; nurturing and protective environments for children; positive parenting strategies and effective communication in parent/child relationships are some of the topics covered in this course.	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✓	✓	✓				✓	✓	✓	✓	✓	✓
9	10	11	12	FCE-00025-V1	0.5	This course takes students through a comprehensive study of nutritional principles and guidelines. Students will learn about world-wide views of nutrition, nutrient requirements, physiological processes, food labeling, healthy weight management, diet related diseases, food handling, nutrition for different populations, and more. Students will gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.	Case	Horlick	Park	REAL	Walden	Virtual	
✓	✓	✓	✓				✗	✗	✗	✗	✗	✓	
9	10	11	12	FCE-03621-V1	0.5	Children experience enormous changes in the first few years of their lives. They learn to walk, talk, run, jump, read and write, among other milestones. Caregivers can help infants, toddlers, and children grow and develop in positive ways. This course is for students who want to influence the most important years of human development. In the course, students learn how to create fun and educational environments for children; how to keep the environment safe for children; and how to encourage the health and well-being of infants, toddlers, and school-aged children.	Case	Horlick	Park	REAL	Walden	Virtual	
✗	✓	✓	✓				✓	✓	✓	✓	✓	✓	
9	10	11	12	FCE-03633-V1	0.5	Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, you'll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you'll develop the essential communication skills that build success in any business. By the end of the course, you'll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field.	Case	Horlick	Park	REAL	Walden	Virtual	
✗	✓	✓	✓				✓	✓	✓	✓	✓	✓	



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    RACINE ALTERNATIVE LEARNING (RAL)  	<b>Culinary Arts 1a: Introduction</b>	9	10	11	12	FCE-03641-V1	0.5	Food is fundamental to life. Not only does it feed our bodies, but it's often the centerpiece for family gatherings and social functions with friends. In this course, you will learn all about food including food culture, food history, food safety, and current food trends. You'll also learn about the food service industry and try your hand at preparing some culinary delights. Through hands-on activities and in-depth study of the culinary arts field, this course will help you hone your cooking skills and give you the opportunity to explore careers in this exciting industry.	Case	Horlick	Park	REAL	Walden	Virtual
	<b>Contemporary Living: Relationships and Coping Skills</b>	9	10	11	12	FCE-03651-V1	0.5	In this course, students examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life-- including information on self-discovery, family, friendships, dating and abstinence, marriage, pregnancy, and parenthood. Students learn about the life cycle and the different stages of development from infancy to adulthood. They also focus on a variety of skills to improve relationships and family living, including coping skills, communication skills, refusal skills, babysitting, parenting, and healthy living and disease prevention habits.	Case	Horlick	Park	REAL	Walden	Virtual
	<b>Medical Terminology 1a: Introduction</b>	9	10	11	12	FCE-03661-V1	0.5	Learning the language is essential for careers in health science. Join word parts to form medical terms, associations within body systems, and better communicate with colleagues and patients. Build your proficiency and confidence with this course and prepare yourself for a career in health sciences.	Case	Horlick	Park	REAL	Walden	Virtual
	<b>Drugs &amp; Alcohol</b>	9	10	11	12	HEA-03110-V1	0.5	This course delves into the types and effects of drugs, including alcohol, tobacco, steroids, over the counter drugs, marijuana, barbiturates, stimulants, narcotics, and hallucinogens. Students learn about the physiological and psychological effects of drugs, as well as the rules, laws, and regulations surrounding them. The difference between appropriate and inappropriate drug use will also be discussed. In addition, students will learn about coping strategies, healthy behaviors, and refusal skills to help them avoid and prevent substance abuse, as well as available resources where they can seek help.	Case	Horlick	Park	REAL	Walden	Virtual
	<b>Health Science S1: The Whole Individual</b>	9	10	11	12	HEA-04316-V1	0.5	Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and the measles identified and diagnosed? Health sciences provide the answers to questions such as these. In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.	Case	Horlick	Park	REAL	Walden	Virtual
	<b>Health Science S2: Patient Care Medical Services</b>	9	10	11	12	HEA-04317-V1	0.5	Prerequisite: Health Science S1: The Whole Individual	Case	Horlick	Park	REAL	Walden	Virtual



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<b>Health 1: Life Management Skills</b>	9 ✓	10 ✓	11 ✓	12 ✓	HEA-04318-V1	0.5	Each day hundreds of decisions are made, including important decisions that have a huge impact on personal life. Making good decisions is a whole lot easier for those who have the correct information before making those decisions. Being equipped with correct information will empower students to manage real issues, like quality nutrition, substance abuse, coping with stress, and sexual abstinence.  Good health is both mental and physical. Making good decisions starts with knowing the facts, understanding the consequences, and having the confidence to choose well. A series of signposts take students through the course, providing information, direction, and a little encouragement. Students learn to use important tools for communicating feelings and opinions. Other tools provide a foundation for becoming a savvy consumer in a world of advertising, credit cards, and focusing on earth-friendly practices that will help the environment.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Algebra I S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	MTH-02421-V1	0.5	Algebra 1 is the foundation—the skills acquired in this course contain the basic knowledge needed for all future high school math courses. The material covered in this course is important, but everyone can do it. Everyone can have a good time solving the hundreds of real-world problems algebra can help answer.  Each module in this course is presented in a step-by-step way right on the computer screen. Hands-on labs make the numbers, graphs, and equations more real. The content in this course is tied to real-world applications like sports, travel, business, and health.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Algebra I S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	MTH-02421-V2	0.5	Prerequisite: Algebra I S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Geometry S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	MTH-02431-V1	0.5	Prerequisite: Algebra 1. Geometry is everywhere, not just in pyramids. Engineers use geometry to build highways and bridges. Artists use geometry to create perspective in their paintings, and mapmakers help travelers find things using the points located on a geometric grid. Throughout this course, students travel a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Geometry S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	MTH-02431-V2	0.5	Prerequisite: Geometry S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Algebra II S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	MTH-02440-V1	0.5	Starting with a review of basic algebra, you will learn polynomials, quadratic equations, and probability and statistics.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Algebra II S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	MTH-02440-V2	0.5	Prerequisite: Algebra II S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<b>Pre-Calculus S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02443-V1	0.5	Prerequisite: Algebra 2-Trig. Students, as mathematics analysts, investigate how advanced mathematics concepts are used to solve problems encountered in operating national parks. As students venture from algebra to trigonometry, they analyze and articulate the real-world application of these concepts. The purpose of this course is to study functions and develop skills necessary for the study of calculus. This course includes algebra, analytical geometry, and trigonometry.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Pre-Calculus S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02443-V2	0.5	Prerequisite: Pre-Calculus S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Calculus BC S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02446-V1	0.5	Prerequisite: AP Calculus AB. Completion of both segments of this course is designed to prepare the student for the AP Calculus BC exam given each year in May.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Calculus BC S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02446-V2	0.5	Prerequisite: AP Calculus BC S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Statistics S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02453-V1	0.5	Prerequisite: Algebra 2-Trig. This course is designed to provide college-level instruction on the concepts and tools for working with data. Students collect and analyze data and draw conclusions based on real-world information. The course challenges students to explore patterns, think critically, use a variety of tools and methods, and report their findings and conclusions.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Statistics S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02453-V2	0.5	Prerequisite: AP Statistics S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Calculus AB S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02461-V1	0.5	Prerequisite: Pre-Calculus. An interactive text, graphing software and math symbol software combine with the exciting online course delivery to make Calculus an adventure. Completion of both segments of this course is designed to prepare the student for the AP Calculus AB exam given each year in May. An Advanced Placement (AP) course in calculus consists of a full high school year of work that is comparable to calculus courses in colleges and universities.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Calculus AB S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	MTH-02461-V2	0.5	Prerequisite: AP Calculus AB S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Music Appreciation: The Enjoyment of Listening</b>	9 ✓	10 ✓	11 ✓	12 ✓	MUS-02561-V1	0.5	Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<p><b>Fitness Lifestyle Design</b></p>	9 ✓	10 ✓	11 ✓	12 ✓	PHY-04327-V1	0.5	<p>Students spend quality time at Club Web and learn healthy habits for body and mind to lead to a healthier lifestyle. Students assess their beginning fitness levels and nutritional knowledge, then create individual plans for achieving personalized goals.</p> <p>The expertise of a professional fitness staff combine with natural surroundings perfect for fun and relaxation at Club Web, and students are set for fitness adventure. Among the numerous activities available to Club Web guests are golf, tennis, racquetball, biking, the health and fitness center, and the walking and jogging trail. While at Club Web, students improve flexibility, enhance cardiovascular fitness, and increase strength and endurance.</p> <p>The goal of this course is to help students experience the benefits of exercise, proper nutrition, and weight management.</p>	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>Health Opportunities through Physical Education (HOPE)</b></p>	9 ✓	10 ✓	11 ✓	12 ✓	PHY-04328-V1	0.5	<p>A fitness reward awaits—students experience personal change, both physically and mentally, from the Personal Fitness course journey. The course begins with an assessment of each student’s current physical condition. Workout logs enable students to measure individual progress. Realistic goals, set with the guidance of a training instructor, help students reach their personal fitness goals. Students travel through the virtual town of Wellville and learn about exercise, conditioning, managing stress, diet, and nutrition. A fitness program is developed and tailored to each student’s needs. By following personalized training principles, students feel energy levels increase and gain confidence from personal success. Engagement in exercise and physical activity according to personal plans leads students toward developing healthy habits that will last a lifetime. The best way to live a healthy life is to prevent health problems before they occur—this course helps students do just that. And the best time to start is right now.</p>	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>Walking Fitness</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	PHY-04330-V1	0.5	<p>This course helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. In addition to reviewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutrition and hydration, and effective cross-training. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving walking, as well as elements of resistance training and flexibility.</p>	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<p><b>Exercise Science</b></p>	9 ✗	10 ✗	11 ✓	12 ✓	PHY-04350-V1	0.5	<p>This course takes an in-depth examination of the effects of exercise on the body. Through this course, students will learn basic anatomy, biomechanics, and physiology, as well as proper principles and techniques to designing an effective exercise program. The study of nutrition and human behavior will also be integrated into the course to enhance the students’ comprehension of this multifaceted subject.</p>	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<b>Group Sports</b>	9 ✗	10 ✗	11 ✓	12 ✓	PHY-04351-V1	0.5	This course provides students with an overview of group sports. Students learn about a variety of sports, yet do an in-depth study of soccer, basketball, baseball/softball, and volleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct fitness assessments and participate in weekly physical activity.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Earth Space Science S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	SCI-02617-V1	0.5	Earth/Space Science is a laboratory course focusing on the study of space, geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world. Through experimentation and investigation, students will explore the earth cycles including the geosphere, hydrosphere, cryosphere, atmosphere, and the carbon cycle. Students will learn about scientific inquiry, geologic time, space exploration, the solar system, and the universe. Students will use web 2.0 tools, interactive experiences, higher-order thinking, collaborative projects, and real-world application through labs and a variety of assessments. Upon completion of the course, students will have a clear understanding of the dynamic forces at work in the world around them, becoming better caretakers of our planet, Earth.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Earth Space Science S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	SCI-02617-V2	0.5	Prerequisite: Earth Space Science S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Marine Science S1</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-02618-V1	0.5	As our amazing planet continues to change over time, it becomes increasingly apparent how human activity has made environmental impacts. In the marine science course, students will delve deep into Earth's bodies of water and study geologic structures and how they impact the oceans. Students will investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in our precious ecosystems. Students will be amazed and enlightened at just how much our oceans and lakes affect climate, weather, and seasonal variations. They will have the opportunity to explore the relationships among living organisms and see how they are affected by our oceans currents, tides, and waves. Hold on, it is one amazing journey.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Marine Science S2</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-02618-V2	0.5	Prerequisite: Marine Science S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Astronomy 1a: Introduction</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-02619-V1	0.5	Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<b>Biology S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	SCI-02622-V1	0.5	The Biology course guides students through the study of living and nonliving systems and how they interact with one another. Students explore the world they live in by posing questions and seeking answers through scientific inquiry. Discovery takes place through observation and data collection. The students will be introduced to the structure, function, diversity, and evolution of living matter. This is a course with real relevance. It encourages curiosity and provides opportunity for students to work on hands on lab activities and develop relationships through collaboratively learning. Engaging in the study of biological science broadens the picture of the world around us.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Biology S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	SCI-02622-V2	0.5	Prerequisite: Biology S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Environmental Science S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02627-V1	0.5	The goal of AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world and to identify and analyze environmental problems that are natural and human-made. Students will evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing problems. Laboratories support student content mastery in both hands-on and virtual experiences.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Environmental Science S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02627-V2	0.5	Prerequisite: AP Environmental Science S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Chemistry S1</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-02631-V1	0.5	Students will be challenged and need to have 6-10 hours per week designated to be successful. It is designed as an interactive, 21st century course focusing on Chemistry. Topics include the composition, properties, and changes associated with matter and their applications. This course is designed to serve as a foundation for the study of Chemistry. The utilization of scientific inquiry, web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application through labs and a variety of assessments all aid the student in ultimately demonstrating a vast understanding of the importance of Chemistry in the world around them; enabling them to apply these properties to their everyday lives.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Chemistry S2</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-02631-V2	0.5	Prerequisite: Chemistry S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Veterinary Science: The Care of Animals</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-02634-V1	0.5	As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times...humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<b>Physics S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02641-V1	0.5	In each module of Physics I, students discover the contributions of scientific geniuses like Galileo, Newton, and Einstein. Through their work, students learn the concepts, theories, and laws that govern the interaction of matter, energy, and forces. From tiny atoms to galaxies with millions of stars, the universal laws of physics are explained through real-world examples. Using laboratory activities, videos, software, and websites, students follow in the footsteps of some of the world's greatest thinkers.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Physics S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02641-V2	0.5	Prerequisite: Physics S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Biology S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02644-V1	0.5	This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays and mastering Biology concepts and connections. The key themes of the AP Biology course are: the scientific processes, the affects of science on technology and society, the chemistry and makeup of living organisms, genetics, diversity, and evolution. Throughout this course you will be expected to answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details.	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Biology S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	SCI-02644-V2	0.5	Prerequisite: AP Biology S1	AP	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Physical Science S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	SCI-02666-V1	0.5	This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, chemical bonding and reactions. This course is designed to serve as a foundation for the study of the physical sciences. The utilization of scientific inquiry, web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application through labs and a variety of assessments all aid the student in ultimately demonstrating a vast understanding of the importance of the physical and chemical properties of the world around them; enabling them to apply these properties to their everyday lives.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Physical Science S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	SCI-02666-V2	0.5	Prerequisite: Physical Science S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Forensic Science S1: Secrets of the Dead</b>	9 ✗	10 ✓	11 ✓	12 ✓	SCI-02667-V1	0.5	Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓





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<b>Forensic Science S2: More Secrets of the Dead</b>	✗	✓	✓	✓	SCI-02667-V2	0.5	Prerequisite: Forensic Science S1: Secrets of the Dead	✓	✓	✓	✓	✓	✓
<b>Great Minds in Science: Ideas for a Generation</b>	✗	✗	✓	✓	SCI-02669-V1	0.5	Is there life on other planets? What extremes can the human body endure? Can we solve the problem of global warming? Today, scientists, explorers, and writers are working to answer all of these questions. Like Edison, Einstein, Curie, and Newton, the scientists of today are asking questions and working on problems that may revolutionize our lives and world. This course focuses on 10 of today's greatest scientific minds. Each unit takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.	✓	✓	✓	✓	✓	✓
<b>Anatomy and Physiology S1</b>	✗	✓	✓	✓	SCI-03971-V1	0.5	In this course students explore the organization of the human body and how it works. They will acquire knowledge necessary to understand what the body is doing and how they can help the body cope with many different situations. Body systems will be studied in order to understand how their structure, location, and function allow for interaction with other parts of the body.	✓	✓	✓	✓	✓	✓
<b>Anatomy and Physiology S2</b>	✗	✓	✓	✓	SCI-03971-V2	0.5	Prerequisite: Anatomy and Physiology S1	✓	✓	✓	✓	✓	✓
<b>Physiology S1</b>	✗	✓	✓	✓	SCI-03972-V1	0.5	In this course, students will examine the functions of the body's biological systems-- including skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and integumentary systems. In addition to identifying the function of each organ and system, students will study medical terminology and the function of cells and tissues.	✓	✓	✓	✓	✓	✓
<b>Biotechnology S1: Introduction</b>	✓	✓	✓	✓	SCI-10001-V1	0.5	In today's world, biotechnology helps us grow food, fight diseases, and create alternative fuels. In this course, students will explore the science behind biotechnology and how this science is being used to solve medical and environmental problems.	✓	✓	✓	✓	✓	✓
<b>Biotechnology S2: Unlocking Nature's Secrets</b>	✓	✓	✓	✓	SCI-10002-V1	0.5	Prerequisite: Biotechnology S1: Introduction	✓	✓	✓	✓	✓	✓
<b>US History S1</b>	✓	✓	✓	✓	SOC-02703-V1	0.5	The United States began as an experiment in freedom and democracy. Since its establishment, the country and its people have endured social, political and economic revolutions. In this course, students will investigate the people, events and ideas that have shaped the United States from the end of the Civil War through today. Students are asked to analyze and evaluate decisions made by political, business and military leaders. Emphasis is placed on connections between events of the past and present. This course also gives students the opportunity to conduct research and apply their learning to current, real-world problems.	✓	✓	✓	✓	✓	✓
<b>US History S2</b>	✓	✓	✓	✓	SOC-02703-V2	0.5	Prerequisite: US History S1	✓	✓	✓	✓	✓	✓



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<p><b>AP World History: Modern A</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02716-V1</p>	<p>0.5</p>	<p>This course spans the Neolithic age to the present in a rigorous academic format organized by chronological periods and viewed through fundamental concepts and course themes. Students analyze the causes and processes of continuity and change across historical periods. Themes include human-environment interaction, cultures, expansion and conflict, political and social structures, and economic systems. In addition to mastering historical content, students cultivate historical thinking skills that involve crafting arguments based on evidence, identifying causation, comparing and supplying context for events and phenomenon, and developing historical interpretation.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP World History: Modern B</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02716-V2</p>	<p>0.5</p>	<p>Prerequisite: AP World History: Modern A</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>World History S1</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02717-V1</p>	<p>0.5</p>	<p>Students will learn how the Roman Empire developed in two very distinct directions. Next, students will discover the great intellectual and cultural contributions of Islamic Empires. Journey through the Middle Ages of Europe and Japan to learn how knights and samurais lived. You will also investigate the rise and fall of some of the great kingdoms of the Americas and Africa and then travel back to the Europe of the Renaissance and Reformation era. Hang on tight, before you dive into the Age of Discovery when eastern and western hemispheric encounters created for some turbulent times.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>World History S2</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02717-V2</p>	<p>0.5</p>	<p>Prerequisite: World History S1</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>Sociology S1: The Study of Human Relationships</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02722-V1</p>	<p>0.5</p>	<p>In an increasingly globalized world, it is important to recognize how group behavior impacts both the individual and society. The study of sociology allows us to understand how social relationships affect a person's behavior and how societies evolve as a result. By studying groups in society such as families, organizations, governments, and schools, we can see how societies change over time. This gives us a greater awareness of the beliefs, values, and behavior patterns of others.</p> <p>In this course, you will examine the social structure and culture of society. You will also investigate some of the issues and problems in societies such as crime, poverty, discrimination, racism, and sexism. Learning about the measures that societies use to influence group behavior helps us to understand how societies prevent deviance from group norms.</p> <p>In addition to learning about social relationships and group behaviors, you will be challenged to apply this understanding to your own society. By interviewing, analyzing, and reporting on group behavior in your own community, you will gain a better understanding of your community and your involvement in society. Although solving problems in society is difficult, your participation and analysis of your community will help you gain a better understanding of how people interact with each other in societies.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>Sociology S2: Your Social Life</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02722-V2</p>	<p>0.5</p>	<p>Prerequisite: Sociology S1: The Study of Human Relationships</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>



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<b>Social Problems S1: A World in Crisis</b>	✗	✗	✗	✓	SOC-02724-V1	0.5	Students will learn more about the challenges facing societies and the relationships between societies, governments, and individuals in these areas. Each unit will focus on a particular area of social concern, often with a global view, and examine possible solutions at both a structural and individual level.		✓	✓	✓	✓	✓	✓
<b>Social Problems S2: Crisis, Conflicts, &amp; Challenges</b>	✗	✗	✗	✓	SOC-02725-V1	0.5	This course continues to examine the social problems that affect individuals and societies in the world today. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. Students examine the connections in each issue between societies, individuals, governments, and the global arena.		✓	✓	✓	✓	✓	✓
<b>AP United States History S1</b>	✗	✗	✓	✓	SOC-02730-V1	0.5	This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two 18 week semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting documents, writing analytical essays, and mastering factual content. Woven into the chronology of the course are the key themes of American History. Issues of American identity, diversity, religion and culture are examined. Economic transformations, the development of political institutions and reform movements are evaluated. War, slavery, and demographic changes are assessed. Globalization and environmental issues are analyzed. These themes appear consistently in the course as the student journeys through broader course topics such as colonial and antebellum life, civil war and reconstruction, the gilded age and on to modern America.	AP	✓	✓	✓	✓	✓	✓
<b>AP United States History S2</b>	✗	✗	✓	✓	SOC-02730-V2	0.5	Prerequisite: AP United States History S1	AP	✓	✓	✓	✓	✓	✓
<b>United States Government</b>	✗	✗	✓	✓	SOC-02733-V1	0.5	Responsible citizenship, including civil and political participation is essential to maintain a representative government that truly represents the people of the United States. In this course, students learn about the structure of government and how it shares power at the local, state and federal levels. This course also explores founding principles that inspired the Constitution and Bill of Rights, preserving the freedoms that students experience daily.  Students will examine the processes of each branch of government, the election process, and how citizens can impact public policy. The media, interest groups and influential citizens provide examples of how the government can be affected by informed and active participants. Students will examine the U.S. Court system, and become a part of the process by participating in the judicial decision making process. They will also discover ways the United States interacts with countries around the world, through domestic policy, foreign policy and human rights policy.		✓	✓	✓	✓	✓	✓



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<p><b>AP US Government and Politics S1</b></p>	<p>9 X</p>	<p>10 X</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02734-V1</p>	<p>0.5</p>	<p>"Lights, Camera, Action" ...Prepare to study the intricacies of the American Political Culture. The script is written and the actors participate daily in the drama of American politics. You will be "on location" to delve into primary source documents. You will go behind the scenes with stars such as the President, Congress people, and Supreme Court Justices. You will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. Finally, you will witness the large- scale production of policy building in the areas of economic/social policy, foreign policy and public administration.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP US Government and Politics S2</b></p>	<p>9 X</p>	<p>10 X</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02734-V2</p>	<p>0.5</p>	<p>Prerequisite: AP US Government and Politics S1</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>Economics with Financial Literacy</b></p>	<p>9 X</p>	<p>10 X</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02742-V1</p>	<p>0.5</p>	<p>Economic decisions affect us every day of our lives. Understanding economics means thinking about how scarcity, or limited resources, requires us to make choices and evaluate one option against others. In this course, students will recognize examples of economics in your daily life. Students will see how the economic choices of larger groups, like businesses and governments, affect students and others. As students progress through the course, students will recognize that the costs and benefits of choices connect individuals and groups around the world. The purpose of this course is to help students become a smart consumer who understands the flow of an economy between individuals, businesses, governments, and the rest of the world.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP Microeconomics</b></p>	<p>9 X</p>	<p>10 X</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02745-V1</p>	<p>0.5</p>	<p>You traveled to the Macro Islands to assist the leader in winning reelection. You came for a job, but you realized as you were working that you loved the islands and wanted to make your home there. Because you are adept at giving economic advice to the leader, you have been appointed as the new President of the Sunny Seas Shell Company. As part of your role in assuming the leadership duties of the company, you will need to brush up on microeconomics. The Board of Directors has appointed Ms. Equilibrium to act as your personal assistant and advisor as you transition into your new role. You will be learning all you can about microeconomics and will be required to exhibit your knowledge in May at the annual Board of Directors' meeting (the AP Exam).</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP Macroeconomics</b></p>	<p>9 X</p>	<p>10 X</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>SOC-02746-V1</p>	<p>0.5</p>	<p>You have been called upon to assist the leader of the Macro Islands who is running for reelection next year. The economy is in shambles, and you need to come up with some feasible solutions. This will not only help the people of the Macro Islands but will also ensure a victory for your employer. You were hired over the Internet and received a first class ticket to the Macro Islands where you can learn first hand about the situation. You arrive at Pineapple Airport in the middle of the day and are met by a man with a briefcase who is holding a sign with your name on it. You approach the man and introduce yourself. "I'm Mr. Scarcity," he says. "I'll be your guide as you learn about the economic situation of the islands. You need to learn everything you can about both macroeconomics and our Macro Islands for your presentation to our island leader in May." (Your AP Exam.)</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>



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<b>AP Psychology S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02749-V1	0.5	AP Psychology is a college level course providing students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. Psychology is a diverse social and biological science with multiple perspectives and interpretations.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Psychology S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02749-V2	0.5	Prerequisite: AP Psychology S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Human Geography: Our Global Identity</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02751-V1	0.5	How do language, religion, and landscape affect the physical environment? How do geography, weather, and location affect customs and lifestyle? Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form, and learn how beliefs and architecture are part of a larger culture complex. In addition to introducing students to the field of Human Geography, this course will teach students how to analyze humans and their environments.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Human Geography S1</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02752-V1	0.5	The AP Human Geography course is designed to provide college level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human social organization and its effect on the world in which we live. Students are challenged to use maps and geographical data to examine spatial patterns and analyze the changing interconnections among people and places.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>AP Human Geography S2</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02752-V2	0.5	Prerequisite: AP Human Geography S1		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Psychology</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02753-V1	0.5	The human brain is fascinating. Where do thoughts and memories come from? What are emotions? And why do we behave the way we do? Above all, how do these factors influence our relationships with others? In Psychology I, you will begin to understand the human mind by exploring the research and theories of some of the most brilliant psychologists throughout history. Learn how psychology influences personality and development throughout the entire human lifespan, even from birth. Explore different psychological disorders and how they are treated according to the Diagnostic and Statistical Manual of Mental Disorder. And learn psychological tips that you can use every day, like how to cope and reduce stress. So, are you ready to unlock the mysteries of the human brain?		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Anthropology S1: Uncovering Human Mysteries</b>	9 ✗	10 ✓	11 ✓	12 ✓	SOC-02754-V1	0.5	The aim of anthropology is to use a broad approach to gain an understanding of our past, present, future and address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change Exciting online video journeys to different areas of the world will also be presented in the course.		Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<b>Anthropology S2: More Human Mysteries Uncovered</b>	9	10	11	12	SOC-02754-V2	0.5	Prerequisite: Anthropology S1: Uncovering Human Mysteries	Case	Horlick	Park	REAL	Walden	Virtual
<b>Law &amp; Order: Introduction to Legal Studies</b>	9	10	11	12	SOC-02757-V1	0.5	Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.	Case	Horlick	Park	REAL	Walden	Virtual
<b>Criminology: Inside the Criminal Mind</b>	9	10	11	12	SOC-02772-V1	0.5	In today's society, crime and deviant behavior are often one of the top concerns of society members. From the nightly news to personal experiences with victimization, crime seems to be all around us. In this course, we will explore the field of criminology or the study of crime. In doing so, we will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system. Why do some individuals commit crimes but others don't? What aspects in our culture and society promote crime and deviance? Why do individuals receive different punishments for the same crime? What factors shape the criminal case process, from arrest to punishments?	Case	Horlick	Park	REAL	Walden	Virtual
<b>Philosophy: The Big Picture</b>	9	10	11	12	SOC-02773-V1	0.5	This course will take you on an exciting adventure that covers more than 2,500 years of history! You'll read about a man who hung out on street corners, barefoot and dirty, pestering everyone he met with questions. You'll learn about another eccentric who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the most brilliant and influential thinkers of all time. As you learn about these great thinkers, you'll come to see how and where many of the most fundamental ideas of Western Civilization originated. You'll also get a chance to ask yourself some of the same questions these great thinkers pondered. By the time you've "closed the book" on this course, you will better understand yourself and the world around you...from atoms to outer space...and everything in between.	Case	Horlick	Park	REAL	Walden	Virtual



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<b>History of the Holocaust</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02790-V1	0.5	Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>World Religions: Exploring Diversity</b>	9 ✓	10 ✓	11 ✓	12 ✓	SOC-02796-V1	0.5	Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taosim. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Archaeology: Detectives of the Past</b>	9 ✗	10 ✗	11 ✓	12 ✓	SOC-02797-V1	0.5	George Santayana once said, "Those who cannot remember the past are condemned to repeat it." The field of archaeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on the techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these items.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Personal Psychology S1: The Road to Self-Discovery</b>	9 ✗	10 ✗	11 ✗	12 ✓	SOC-02798-V1	0.5	The Road to Self-Discovery. Self-knowledge is the key to self-improvement! More than 800,000 high school students take psychology classes each year. Among the different reasons, there is usually the common theme of self-discovery! Sample topics include the study of infancy, childhood, adolescence, perception and states of consciousness. Amazing online psychology experiments dealing with our own personal behavior are featured within this course.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Personal Psychology S2: Living in a Complex World</b>	9 ✗	10 ✗	11 ✗	12 ✓	SOC-02799-V1	0.5	Living in a Complex World. Enrich the quality of your life by learning to understand the actions of others! Topics include the study of memory, intelligence, emotion, health, stress and personality. This course features exciting online psychology experiments involving the world around us.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Critical Thinking and Study Skills</b>	9 ✓	10 ✓	11 ✓	12 ✓	SOC-09091-V1	0.5	Train your brain's thinking skills and get fit for academics! In this course, you will "coach" your "team" of thinking skills to meet academic challenges. Through reading, writing, and math activities, students develop critical thinking skills and test-taking strategies. Students also gain reading, writing, organization, and study strategies- a powerful one-two punch for any student at any level!	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<b>Chinese I S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02307-V1	0.5	Students join various native speakers of Mandarin Chinese as they give a lively introduction to the language and its rich culture. Set in their everyday environment, the native speakers take students through different daily scenarios and give them the necessary skills to read, write, and speak Chinese. In this course, students learn the basic Chinese language. At the very beginning, the course starts by introducing students to a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters. After one semester, students will be able to engage in conversation in Chinese including greeting people, introducing themselves to others, and exchanging basic information with others. Students learn to count from 1 to 1000 and make simple sentences in both spoken and written Chinese. They also learn 160 "magical" Chinese characters and use them on a variety of topics. As students walk through the units step by step, they get to know not only the language itself, but also the culture in which the language takes place and keeps developing.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Chinese I S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02307-V2	0.5	Prerequisite: Chinese I S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Chinese II S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02308-V1	0.5	Chinese 2 enables students to further develop the communicative skills of listening, speaking, reading, and writing Mandarin Chinese at a more advanced level. The course immerses students in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand the students' vocabulary, helping them learn to interact with others and use appropriate terms to communicate in various everyday situations.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Chinese II S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02308-V2	0.5	Prerequisite: Chinese II S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Chinese III S1</b>	9 ✗	10 ✓	11 ✓	12 ✓	WLS-02309-V1	0.5	In Chinese 3, students continue to expand their abilities in various aspects of Chinese Mandarin. Students continue to build their knowledge of vocabulary, sentence patterns, and grammar points in communicative contexts. They also enhance their Chinese Mandarin listening and speaking skills, such as pronunciation and intonation. Students learn more in-depth Chinese reading and writing strategies and skills. The Chinese III course greatly improves students' reading abilities, and students are able to write in Chinese in various formats such as journal, letter, invitation, and essay. The course also enriches and fortifies the students' knowledge and skills in writing simplified Chinese characters. In this course, students learn more essential knowledge of Chinese culture, including the origins, histories, anecdotes, and etiquettes for various cultural settings, events, and occasions. Students also learn to compare and contrast the Chinese culture with their own cultures in many different aspects.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Chinese III S2</b>	9 ✗	10 ✓	11 ✓	12 ✓	WLS-02309-V2	0.5	Prerequisite: Chinese III S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓





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<b>French I S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02311-V1	0.5	Students begin their introduction to French by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>French I S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02311-V2	0.5	Prerequisite: French I S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>French II S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02312-V1	0.5	This course is a continuation of a beginning level French course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material students learn to express themselves using an ever increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>French II S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02312-V2	0.5	Prerequisite: French II S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<p><b>French III S1</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>WLS-02313-V1</p>	<p>0.5</p>	<p>Students further deepen their understanding of French by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in both formal and informal spoken and written contexts. Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics, respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, read and analyze important pieces of literature, and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in French. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>French III S2</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>WLS-02313-V2</p>	<p>0.5</p>	<p>Prerequisite: French III S1</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>French IV S1</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>WLS-02314-V1</p>	<p>0.5</p>	<p>This course is a continuation of the beginning level courses that will help the student continue learning the French language. In this course, the student will learn listening, speaking, reading, and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the give units of material (feelings, transportation, work, countries, future, health, home, measurements, professions and personal history), students learn to express themselves using an ever increasing vocabulary, present, past, future, and conditional-tense verbs, articles, adjectives and increasingly complex grammatical structures. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the French speaking world and their culture, people, geographical locations and histories. The course is aligned to the national Foreign Language standards.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>French IV S2</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>WLS-02314-V2</p>	<p>0.5</p>	<p>Prerequisite: French IV S1</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP French S1</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>WLS-02317-V1</p>	<p>0.5</p>	<p>AP French Language is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP French Language course prepares them for the AP French exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive and Presentational) as defined in the Standards for Foreign Language Learning in the 21st Century.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP French S2</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>WLS-02317-V2</p>	<p>0.5</p>	<p>Prerequisite: AP French S1</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>



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<b>German I S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02321-V1	0.5	Students begin their introduction to German by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>German I S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02321-V2	0.5	Prerequisite: German I S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>German II S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02322-V1	0.5	Students continue their study of German by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in German. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>German II S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02322-V2	0.5	Prerequisite: German II S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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<b>German III S1</b>	9 ✗	10 ✓	11 ✓	12 ✓	WLS-02323-V1	0.5	Students continue their study of German by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in German. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>German III S2</b>	9 ✗	10 ✓	11 ✓	12 ✓	WLS-02323-V2	0.5	Prerequisite: German III S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Japanese I S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02352-V1	0.5	This is a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the units of material, students learn to express themselves using an ever increasing vocabulary, present-form verbs, participles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Cultural information in the course will teach the student about Japanese culture, people, society, and history. The course is aligned to the national Foreign Language standards.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Japanese I S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02352-V2	0.5	Prerequisite: Japanese I S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Japanese II S1</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02353-V1	0.5	This course is a continuation of a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the units of material, students learn to express themselves using an ever increasing vocabulary, present-tense verbs and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Japanese language and culture, people, life-style, geographical locations and histories.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓



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	9	10	11	12				Case	Horlick	Park	REAL	Walden	Virtual
<b>Japanese II S2</b>	✓	✓	✓	✓	WLS-02353-V2	0.5	Prerequisite: Japanese II S1	✓	✓	✓	✓	✓	✓
<b>Spanish I S1</b>	✓	✓	✓	✓	WLS-02381-V1	0.5	<p>¡Bienvenidos! Welcome! Students are taking a virtual trip to Spain, Cuba, Colombia, and Argentina. As students explore each country, a student blogger is there to help them learn about the place and its unique characteristics. As students travel to each country, they learn how to speak Spanish in many practical and useful ways. Students learn how to greet people, introduce themselves, and speak about their home, family, school, and community. As students learn basic vocabulary and grammar skills, they expand on their knowledge and learn to speak about more complex topics such as shopping, weather, sports, entertainment, and leisure activities.</p> <p>The course introduces new words and phrases with pictures, audio clips, and examples. Students learn basic Spanish grammar to help them build fluency and understand the structure of the Spanish language. There are many opportunities to practice through interactive activities in the form of games, written practice, and listening and speaking exercises.</p>	✓	✓	✓	✓	✓	✓
<b>Spanish I S2</b>	✓	✓	✓	✓	WLS-02381-V2	0.5	Prerequisite: Spanish I S1	✓	✓	✓	✓	✓	✓
<b>Spanish II S1</b>	✓	✓	✓	✓	WLS-02382-V1	0.5	<p>In Spanish 2, students travel virtually through Central America and the Caribbean, spending time in museums, traffic jams, and even the hospital. In this course, students broaden their Spanish vocabulary and their knowledge of grammar. They meet people from many different countries and cultures. While waiting for the plane ride home, students also meet some Spanish-speaking people from different parts of the United States.</p> <p>The purpose of this course is to strengthen Spanish listening, speaking, reading, and writing skills. Students also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.</p>	✓	✓	✓	✓	✓	✓
<b>Spanish III S1</b>	✗	✓	✓	✓	WLS-02382-V1	0.5	<p>In Spanish 3, students will meet and virtually accompany four teens with Hispanic backgrounds as they learn about and travel to several Spanish-speaking countries.</p> <p>Students have many opportunities to use the Spanish they already know as well as to expand their vocabulary, knowledge of grammar, and experiences with Spanish-speaking countries.</p> <p>The purpose of this course is to provide many experiences where students can use Spanish. Completely immersed in Spanish, students speak, listen, read, write, and collaborate with other students in Spanish this course. They also gain knowledge and perspectives about Spanish-speaking countries and from Spanish-speaking people.</p> <p>Spanish 3 is a rigorous honors course and is not intended for credit recovery. Students will be challenged and need to have 8-10 hours per week designated to be successful.</p>	✓	✓	✓	✓	✓	✓



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<b>Spanish IV S1</b>	9 ✗	10 ✗	11 ✓	12 ✓	WLS-02382-V1	0.5	In this fourth year of Spanish, the student will continue to sharpen listening, speaking, reading, and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the units of material, students learn to express themselves using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Spanish- speaking world and their culture, people, geographical locations and histories.	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Spanish II S2</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02382-V2	0.5	Prerequisite: Spanish II S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Spanish III S2</b>	9 ✗	10 ✓	11 ✓	12 ✓	WLS-02382-V2	0.5	Prerequisite: Spanish III S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓
<b>Spanish IV S2</b>	9 ✗	10 ✗	11 ✓	12 ✓	WLS-02382-V2	0.5	Prerequisite: Spanish IV S1	Case ✓	Horlick ✓	Park ✓	REAL ✓	Walden ✓	Virtual ✓

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<p><b>AP Spanish S1</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>WLS-02387-V1</p>	<p>0.5</p>	<p>The course is conducted almost exclusively in Spanish and encourages the student to do likewise. However, the tips and grammar tutorials make use of both Spanish and English to aid in the student's comprehension of difficult grammatical concepts. The course is divided into ten units. Each unit focuses on a unit theme which is then further broken down into subtopics. Each unit consists of vocabulary practices, grammar presentations and practices, culture topics, assessments, and AP-related test practices. Although this course is completely online, you will have a teacher who will be available to answer any questions you might have regarding the course and the content. The teacher will also be correcting your assignments and any audio or essay submissions.</p> <p>The intensity, quality and amount of materials can be compared to a third-year college course. Instructional materials, activities, assignments, and assessments are appropriate to this level. In addition to frequent use of authentic materials obtained from the Internet, other course materials have been written, created and organized by a team of writers which includes experienced AP teachers, university teachers, and other native Spanish-speaking writers. The content presented in the course is principally based on online research combined with the writers' experience teaching at the AP and college level. All audio excerpts and passages were written and recorded by native-Spanish speakers from various countries and spoken at native speeds. All reading passages were also written and prepared by native Spanish-speaking writers. The activities and assignments in this course are specifically designed to help each student improve their skills in all Spanish communicative areas and also to prepare for the AP Exam. Each unit consists of several activities which integrate multiple language skills together, which further strengthens the student's language development and acquisition. The tests, especially the unit tests and semester final exams, are structured to assess a student's complete understanding of all the information presented. They should be prepared for quite intensely. They will also provide great practice for the AP test.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>
<p><b>AP Spanish S2</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>WLS-02387-V2</p>	<p>0.5</p>	<p>Prerequisite: AP Spanish S1</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✓</p>





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## WORLD LANGUAGE

Note: *Not repeatable if successfully completed.*

The World Language Department offers courses in three languages French, German, and Spanish. A student who begins the study of a modern language in middle school can continue through high school and complete a five-year sequence. A student starting the study of world language in high school should plan to continue for four years in order to achieve some command of the particular language. College-bound students should be aware of college requirements. The UW-System strongly recommends, and in some cases requires, two years of one language for admission. Study of a world language also has a positive effect on ACT and SAT scores.

College-bound students should also be aware of the “retroactive credit” program, which makes it possible to earn up to 16 college graduation credits by passing a placement test and enrolling in a world language class. A world language teacher or a counselor can furnish details of this program. Knowledge of a world language benefits include abstract and creative thinking, academic progress in other subjects, cultural awareness and competency, chances of college acceptance, career opportunities, higher scores on standardized tests and travel.

Students who wish to continue the sequence of language study must demonstrate successful completion of the course prior. Successful completion is defined as: *The language student must be able to demonstrate the features of the domains of the corresponding ACTFL performance level range in those contexts and content areas that have been learned and practiced.*

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>IB MYP Spanish 1</b>	✓	✗	✗	✗	WLS-00005	1		Introduction to the Spanish language and cultures of Spanish-speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, movies, music, Internet activities, and realia help students learn. Active participation is required. *NOT recommended for proficient Spanish speakers, please see course description for IB MYP Spanish for Heritage Speakers 1.  This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages.		✓	✗	✗	✗	✗	✗
<b>IB MYP Spanish 2</b>	✓	✓	✗	✗	WLS-00006	1	Prerequisite: Successful completion of IB MYP Spanish 1.  This is a continuation of IB MYP Spanish 1 with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.  This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages.		✓	✗	✗	✗	✗	✗	✗





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<p><b>IB MYP Spanish 3</b> <b>(NEW)</b></p>	✗	✓	✓	✗	WLS-00012											
<p><b>IB Spanish 4</b></p>	✗	✗	✓	✓	WLS-00003	1										
<p><b>IB/Fifth-Year Spanish</b></p>	✗	✗	✗	✓	WLS-08741	1										
<p><b>IB MYP Heritage Spanish 1</b></p>	✓	✗	✗	✗	WLS-00007	1										
<p><b>IB MYP French 1</b></p>	✓	✗	✗	✗	WLS-00008	1										



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<p><b>IB MYP French 2</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00009</p>	<p>1</p>	<p>Prerequisite: Successful completion of IB MYP French 1.</p> <p>This is a continuation of IB MYP French 1 with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP French 3</b> <b>(NEW)</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00013</p>	<p>1</p>	<p>Prerequisite: Successful completion of IB MYP French 2.</p> <p>Taught in the target language student's move toward an intermediate level of proficiency with aspects of contemporary francophone culture emphasized in this class. Students will be assessed using a variety of methods with emphasis on oral expression and aural comprehension. This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB/Fifth-Year French</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>WLS-08736</p>	<p>1</p>	<p>Prerequisite: Successful completion of Fourth-Year French.</p> <p>Intended for high intermediate to low advanced speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects through concepts and skills introduced and explored in class, which enable students to participate in class discussions and activities in a meaningful way.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP German 1</b></p>	<p>9 ✓</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00010</p>	<p>1</p>	<p>Introduction to the German language and cultures of German - speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, CDs, DVDs, music, Internet activities, and realia help students learn. Active participation is required.</p> <p>This course meets the requirements of IB Middle Years Program in addition to the Wisconsin Standards for World Languages</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP German 2</b></p>	<p>9 ✓</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00011</p>	<p>1</p>	<p>Prerequisite: Successful completion of IB MYP German 1.</p> <p>This is a continuation of IB MYP German 1 with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.</p> <p>This course meets requirements of IB Middle Years Program in addition to the Wisconsin Standards for World languages.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>IB MYP German 3</b> <b>(NEW)</b></p>	<p>9 ✗</p>	<p>10 ✓</p>	<p>11 ✗</p>	<p>12 ✗</p>	<p>WLS-00014</p>		<p>Prerequisite: Successful completion of IB MYP German 2.</p> <p>While the emphasis is still on speaking German, more time is spent on developing writing skills and reading a variety of cultural materials. Students will acquire more fluent communication skills to promote success at higher levels.</p>		<p>Case ✓</p>	<p>Horlick ✗</p>	<p>Park ✗</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>



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<b>IB/Fifth-Year German</b>	9 ✗	10 ✗	11 ✗	12 ✓	WLS-08732	1	Prerequisite: Successful completion of Fourth-Year German.  A humanities course conducted in German, intended for nearly fluent speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	Virtual ✗
<b>American Sign Language I</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-00004	1	American Sign Language I is an introduction to American Sign Language and Deaf culture. An immersive performance-based environment which includes interactive practice of the language with peers and the use of technology, along with direct visual presentation of materials will be utilized. Students are actively engaged in expressive and receptive skills in ASL, understanding basic vocabulary, grammatical structures, and appropriate use of space and body. Deaf culture topics such as Hearing loss, Assistive technology, and Deaf perspectives are also covered. This is a one-year, exploratory course.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>First-Year French</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02311	1	Introduction to the French language and cultures of French-speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, CDs, DVDs, music, Internet activities, and realia help students learn. Active participation is required.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	VIRTUAL COURSE INFO
<b>Second-Year French</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02312	1	Prerequisite: Successful completion of First-Year French.  This is a continuation of the First-Year French introductory year with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	VIRTUAL COURSE INFO
<b>Third-Year French</b>	9 ✗	10 ✓	11 ✓	12 ✓	WLS-02313	1	Prerequisite: Successful completion of Second-Year French.  Taught in the target language student's move toward an intermediate level of proficiency with aspects of contemporary francophone culture emphasized in this class. Students will be assessed using a variety of methods with emphasis on oral expression and aural comprehension.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	VIRTUAL COURSE INFO
<b>Fourth-Year French</b>	9 ✗	10 ✗	11 ✓	12 ✓	WLS-02314	1	Prerequisite: Successful completion of Third-Year French.  Provides students the opportunity to further develop, improve and refine their listening, speaking, reading and writing skills. Students experience multiple opportunities to demonstrate their developing proficiency in different contexts.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	VIRTUAL COURSE INFO
<b>French 5</b>	9 ✗	10 ✗	11 ✗	12 ✓	WLS-02317	1	Prerequisite: Successful completion of Fourth-Year French.  Intended for high intermediate to low advanced speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects through concepts and skills introduced and explored in class, which enable students to participate in class discussions and activities in a meaningful way.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗
<b>First-Year German</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02321	1	Introduction to the German language and cultures of German-speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, CDs, DVDs, music, Internet activities, and realia help students learn. Active participation is required.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✗	VIRTUAL COURSE INFO



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	9	10	11	12				Case	Horlick	Park	REAL	Walden	
<b>Second-Year German</b>	✓	✓	✓	✓	WLS-02322	1	Prerequisite: Successful completion of First-Year German.  This is a continuation of the First-Year German introductory year with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.	✓	✗	✗	✗	✗	
<b>Third-Year German</b>	✗	✓	✓	✓	WLS-02323	1	Prerequisite: Successful completion of Second-Year German.  While the emphasis is still on speaking German, more time is spent on developing writing skills and reading a variety of cultural materials. This is a weighted course and students will acquire more fluent communication skills to promote success at the higher levels.	✓	✗	✗	✗	✗	✗
<b>Fourth-Year German</b>	✗	✗	✓	✓	WLS-02324	1	Prerequisite: Successful completion of Third-Year German.  Further improvement of listening, Speaking, reading and writing skills through a variety of culturally authentic activities and materials. When this course is combined with the fifth-year class, readings and activities will alternate every two years.	✓	✗	✗	✗	✗	✗
<b>Spanish Medical Interpretation</b>	✗	✗	✓	✓	WLS-02379	0.5	Pre-Requisites: Successful completion of Spanish 2.  This course is an introduction to using Spanish for careers in the healthcare field. The students will focus on medical topics including patient interviews, medical terminology, procedures, body systems, and anatomy using vocabulary and communication in the Spanish language.	✗	✓	✗	✗	✗	✗
<b>Spanish Business Interpretation</b>	✗	✗	✓	✓	WLS-02380	0.5	Pre-Requisites: Successful completion of Spanish 2.  This course is an introduction to using Spanish for careers in the business field. This course is designed to increase vocabulary and communication in the Spanish language with a focus on specific concepts of the business world. The students will increase conversation skills dealing with travel, human relations, marketing and other business concepts.	✗	✓	✗	✗	✗	✗
<b>First-Year Spanish</b>	✓	✓	✓	✓	WLS-02381	1	Introduction to the Spanish language and cultures of Spanish-speaking countries with emphasis on listening, speaking, reading and writing. This course teaches basic language patterns and vocabulary. Books, movies, music, Internet activities, and realia help students learn. Active participation is required. *NOT recommended for proficient Spanish speakers, please see course WLS-02388.	✓	✓	✓	✓	✓	
<b>Second-Year Spanish</b>	✓	✓	✓	✓	WLS-02382	1	Prerequisite: Successful completion of First-Year Spanish.  This is a continuation of the First-Year Spanish introductory year with more challenging and diversified material taught in the target language. All communication skills are expanded and continuous effort to use the target language is essential.	✓	✓	✓	✓	✓	
<b>Third-Year Spanish</b>	✗	✓	✓	✓	WLS-02383	1	Prerequisite: Successful completion of Second-Year Spanish.  Taught in the target language students' move toward an intermediate level of proficiency with aspects of contemporary Latin and Hispanic culture emphasized in this class. Students will be assessed using a variety of methods with emphasis on oral expression and aural comprehension.	✓	✓	✓	✗	✓	



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<b>Fourth-Year Spanish</b>	9 ✗	10 ✗	11 ✓	12 ✓	WLS-02384	1	Prerequisite: Successful completion of Third-Year Spanish.  Provides students the opportunity to further develop, improve and refine their listening, speaking, reading and writing skills. Students experience multiple opportunities to demonstrate their developing proficiency in different contexts.		Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	
<b>Intermediate Spanish I</b>	9 ✗	10 ✓	11 ✓	12 ✓	WLS-00002	1	Intermediate Spanish I is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course and if they earn a grade of B- or better are eligible to receive six retroactive Spanish college credits for a total of nine college credits. Intermediate Spanish I develops listening, speaking, reading and writing skills in Spanish. The retroactive credits are free of charge to the student.		Case ✗	Horlick ✗	Park ✗	REAL ✗	Walden ✓	Virtual ✗
<b>Intermediate Spanish II</b>	9 ✗	10 ✗	11 ✓	12 ✓	WLS-02385	1	Intermediate Spanish II is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Intermediate Spanish II continues to review and further develop listening, speaking, reading and writing skills in Spanish.		Case ✗	Horlick ✗	Park ✗	REAL ✗	Walden ✓	Virtual ✗
<b>Spanish American Literature Since 1700</b>	9 ✗	10 ✗	11 ✓	12 ✓	WLS-02386	1	Spanish American Literature is a concurrent enrollment PACC course offered in partnership with UW-Parkside. Students have the opportunity to earn 3 college credits in this course. Spanish American Literature explores Spanish-American literature since 1700.		Case ✓	Horlick ✗	Park ✗	REAL ✗	Walden ✓	Virtual ✗
<b>AP/Spanish Language and Culture</b>	9 ✗	10 ✗	11 ✗	12 ✓	WLS-02387	1	Prerequisite: Successful completion of Fourth-Year Spanish.  A humanities course conducted in Spanish intended for intermediate mid to intermediate high speakers and/or college-bound students seeking maximum retroactive credit or preparation for the IB or AP exams. Students will produce extensive speaking and writing projects through concepts and skills introduced and explored in class, which enable students to participate in class discussions and activities in a meaningful way.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	
<b>Spanish for Spanish Speakers</b>	9 ✓	10 ✓	11 ✓	12 ✓	WLS-02388	1	Prerequisite: Oral proficiency in Spanish as determined by examination by Spanish Department.  This course is designed for students who have some command of the Spanish language and/or were brought up in a Spanish-speaking environment. The curriculum will be focused on Latino and Hispanic themes relevant to students with emphasis on reading and writing. Successful completion of this course will qualify students for Spanish III.		Case ✗	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗





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## WORKPLACE LEARNING PROGRAMS (WPL)

Workplace Learning (WPL) Programs are a one- or two-year program for Juniors and/or Seniors integrating school-based academic and career development skills with on-the-job learning. In this elective program as part of the Academies of Racine, students apply their Career Pathway and general studies to a paid work placement in the community. In collaboration with the Racine Area Manufacturers and Commerce (RAMAC), area employers, and the Wisconsin (WI) Department of Public Instruction (DPI) and WI Department Workforce Development (DWD), Racine Unified School District (RUSD) Career and Technical Education (CTE) teachers in the areas of Business/Marketing, Family/Consumer Sciences, and Technology and Engineering Education prepare students for their job placements and success in the program. Academies of Racine community and employer partners share WPL job opportunities with RUSD, who shares them with students in their Career Pathway.

Students may also seek their own employment related to their Career Pathway to be a part of the program. Students go through an employment process as anyone else searching for, obtaining, and keeping a job. Job searches, preparing application and/or resume materials, letters of recommendation, setting up and participating in interviews, completing necessary employment forms, and participating in work activities. Work placements are not guaranteed as the employer(s) make the hiring decision, not RUSD. In addition to receiving compensation from the employer, students completing the program will earn two high school credits per year for the paid work placement as well as a state recognized certificate from either WI DPI or WI DWD. Students in the program must be on track to graduate as they will work approximately 15 hours per week to meet the total hour requirement for the program, 450-480 hours for the one-year program (Junior or Senior) and 900-960 hours for a two-year program (Junior and Senior).

Students may work up to 2 blocks during the school day, in the evenings, on the weekends, and during school breaks depending upon the employer and student schedule requirements. A minimum of 250 hours must be completed during the school year for each year in the program. Weekday class attendance is mandatory to report to work during the school year. Transportation to and from the worksite is the responsibility of the family and/or student. If a student will be driving themselves, proof of insurance is required. Students must also be enrolled in at least one direct-related instruction course to their job placement each semester enrolled in the program for the school-based learning component. Students' Career Pathway courses may qualify depending on the work placement. Students must be employed in a relevant job placement by the end of first (1st) semester for the program. Students not securing employment as part of the program by the end of 1st semester will receive an "F" for the 1st semester of the program and dropped from the program 2nd semester. The Workplace Learning Coordinator and Workplace Learning Teachers will assist students in their job search and preparation, but students are responsible for obtaining and keeping jobs that will enable them to complete this program.

Course Title	Grade Level				Course #	Credits	Fees	Course Prerequisite/Description	Affiliations	Location					
	9	10	11	12						Case	Horlick	Park	REAL	Walden	Virtual
<b>Marketing Youth Apprenticeship 1</b>	9 ✗	10 ✗	11 ✓	12 ✓	BMI-00003	2.5		Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.  The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship units associated with this workplace learning experience include: Marketing: All One Year Units, Hospitality & Tourism-Marketing & Sales I and Marketing & Sales II. Students who register complete an application process to be accepted into the program. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗	
<b>Marketing Youth Apprenticeship 2</b>	9 ✗	10 ✗	11 ✗	12 ✓	BMI-00004	2.5		Prerequisite: Successful completion of Marketing Youth Apprenticeship 1.  Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience within the Marketing workforce sectors, including Marketing & Sales units within the Hospitality & Tourism program. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗	



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<p><b>Information Technology Youth Apprenticeship 1</b></p>	9	10	11	12	BMI-00005	2.5	Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓			The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Information Technology units are associated with this workplace learning experience. Students who register complete an application process to be accepted into the program. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	✓	✓	✓	✗	✗	✗
	9	10	11	12	BMI-00006	2.5	Prerequisite: Successful completion of Information Technology Youth Apprenticeship 1.	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✗	✓			Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience within the Information Technology workforce sector. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	✓	✓	✓	✗	✗	✗
<p><b>Business in Hospitality &amp; Tourism Youth Apprenticeship 1</b></p>	9	10	11	12	BMI-00007	2.5	Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✓	✓			The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Hospitality and Tourism units associated with this workplace learning experience include: Lodging-Front Office, Reservations & Tour/Activity, Meetings & Events, Management I, and Management II. Students who register complete an application process to be accepted into the program. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	✓	✓	✓	✗	✗	✗
<p><b>Business in Hospitality &amp; Tourism Youth Apprenticeship 2</b></p>	9	10	11	12	BMI-00008	2.5	Prerequisite: Successful completion of Business in Hospitality & Tourism Youth Apprenticeship 1.	Case	Horlick	Park	REAL	Walden	Virtual
	✗	✗	✗	✓			Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience within the Business workforce sector for the Hospitality & Tourism industry. Hospitality and Tourism units associated with this workplace learning experience include: Lodging-Front Office, Reservations & Tour/Activity, Meetings & Events, Management I, and Management II.	✓	✓	✓	✗	✗	✗



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<p><b>Medical Office (Health Science) Youth Apprenticeship</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>BMI-00018</p>	<p>2.5</p>	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Health Science – Medical Office unit is associated with this workplace learning experience. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Finance Youth Apprenticeship 1</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>BMI-03262</p>	<p>2.5</p>	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Finance units are associated with this workplace learning experience. Students who register complete an application process to be accepted into the program. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Finance Youth Apprenticeship 2</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>BMI-03263</p>	<p>2.5</p>	<p>Prerequisite: Successful completion of Finance Youth Apprenticeship 1.</p> <p>Concurrent enrollment in Level 3 Career Pathway courses or two technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Food, Beverage &amp; Lodging Youth Apprenticeship 1</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00001</p>	<p>2.5</p>	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Hospitality, Lodging and Tourism units associated with this workplace learning experience include: Food &amp; Beverage-Dining Area, Food &amp; Beverage-Kitchen, and Lodging-Housekeeping. Students who register complete an application process to be accepted into the program. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Food, Beverage &amp; Lodging Youth Apprenticeship 2</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✗</p>	<p>12 ✓</p>	<p>FCE-00002</p>	<p>2.5</p>	<p>Prerequisite: Successful completion of Food, Beverage, and Lodging (Hospitality, Lodging &amp; Tourism) Youth Apprenticeship 1.</p> <p>Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience within the Hospitality &amp; Tourism workforce sector. Hospitality and Tourism units associated with this workplace learning experience include: Food &amp; Beverage-Dining Area, Food &amp; Beverage-Kitchen, and Lodging-Housekeeping. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>		<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>





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<p><b>Animals &amp; Plants (Agriculture, Food, &amp; Natural Resources) Youth Apprenticeship 1</b></p>	9	10	11	12	FCE-00020	2.5	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Agriculture, Food, and Natural Resources – Animals and Plants units are associated with this workplace learning experience. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>Animals &amp; Plants (Agriculture, Food, &amp; Natural Resources) Youth Apprenticeship 2</b></p>	9	10	11	12	FCE-00021	2.5	<p>Successful completion of Plants &amp; Animals (Agriculture, Food &amp; Natural Resources) Youth Apprenticeship 1.</p> <p>Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience in the units of Animals. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>Health Science Youth Apprenticeship 1</b></p>	9	10	11	12	FCE-03667	2.5	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Health Science units associated with this workplace learning experience include: Ambulatory/Support Services, Dental Assistant, Medical Assistant, Nursing Assistant, and Pharmacy Technician. Students who register complete an application process to be accepted into the program. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>Health Science Youth Apprenticeship 2</b></p>	9	10	11	12	FCE-03669	2.5	<p>Prerequisite: Successful completion of Health Science Youth Apprenticeship 1.</p> <p>Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience within the Health Science workforce sector. Health Science units associated with this workplace learning experience include: Ambulatory/Support Services, Dental Assistant, Medical Assistant, Nursing Assistant, and Pharmacy Technician. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>	Case	Horlick	Park	REAL	Walden	Virtual



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<b>Maintenance &amp; Grounds (Hospitality &amp; Tourism): Youth Apprenticeship 1</b>	✗	✗	✓	✓	TEC-00001	2.5	Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.  The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Hospitality and Tourism Maintenance & Ground unit is associated with this workplace learning experience. Students who register complete an application process to be accepted into the program. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	✓	✓	✓	✗	✗	✗
<b>Arts, A/V Technology &amp; Communications Youth Apprenticeship 1</b>	✗	✗	✓	✓	TEC-00003	2	Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.  The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Arts, A/V Technology & Communication units are associated with this workplace learning experience. This Youth Apprenticeship program is focused on Graphic Design/Pre-Print as well as the Printing and Post-Press operations. Students who register complete an application process to be accepted into the program. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	✓	✓	✓	✗	✗	✗
<b>Arts, A/V Technology &amp; Communications Youth Apprenticeship 2</b>	✗	✗	✗	✓	TEC-00004	2	Prerequisite: Successful completion of Arts, A/V Technology & Communications Youth Apprenticeship 1.  Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience within the Graphic Design and Printing industry. Students complete the second unit not attempted with the level one apprenticeship. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	✓	✓	✓	✗	✗	✗
<b>STEM Youth Apprenticeship 1</b>	✗	✗	✓	✓	TEC-00005	2.5	Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.  The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Science, Technology, Engineering, and Mathematics (STEM) units are associated with this workplace learning experience. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	✓	✓	✓	✗	✗	✗
<b>STEM Youth Apprenticeship 2</b>	✗	✗	✗	✓	TEC-00006	2.5	Prerequisite: Successful completion of STEM Youth Apprenticeship 1.  Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level WI DWD Youth Apprenticeship program continues student's experience within STEM as a career area. Students will work an additional 450 hours in a paid work experience related to their pathway.	✓	✓	✓	✗	✗	✗



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<p><b>Architecture &amp; Construction Youth Apprenticeship 1</b></p>	9	10	11	12	TEC-00007	2.5	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Architecture &amp; Construction units are associated with this workplace learning experience. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>Architecture &amp; Construction Youth Apprenticeship 2</b></p>	9	10	11	12	TEC-00008	2.5	<p>Prerequisite: Successful completion of Architecture &amp; Construction Youth Apprenticeship 1.</p> <p>Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience in the Architecture &amp; Construction workforce sector. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>Environmental Systems (Agriculture, Food, &amp; Natural Resources) Youth Apprenticeship</b></p>	9	10	11	12	TEC-00034	2.5	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Agriculture, Food, and Natural Resources – Environmental Systems unit is associated with this workplace learning experience. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>	Case	Horlick	Park	REAL	Walden	Virtual
<p><b>Transportation, Distribution and Logistics Youth Apprenticeship 1</b></p>	9	10	11	12	TEC-03717	2.5	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Transportation, Distribution and Logistic unit associated with this workplace learning experience: Logistics/Supply Chain Management. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p>	Case	Horlick	Park	REAL	Walden	Virtual



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	9	10	11	12												
<b>Transportation, Distribution and Logistics Youth Apprenticeship 2</b>	9 ✗	10 ✗	11 ✗	12 ✓	TEC-03719	2.5	Prerequisite: Successful completion of Transportation, Distribution and Logistics Youth Apprenticeship 1. Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement.  The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience in Transportation, Distribution, and Logistics with the following units: Automotive Technician, Automotive Collision, Diesel Technician, Logistics/Supply Chain Management, and Agriculture Mechanic Technician. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗			
<b>Manufacturing Youth Apprenticeship 1</b>	9 ✗	10 ✗	11 ✓	12 ✓	TEC-03776	2.5	Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.  The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Manufacturing units are associated with this workplace learning experience. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗			
<b>Manufacturing Youth Apprenticeship 1</b>	9 ✗	10 ✗	11 ✓	12 ✓	TEC-03776	2.5	Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.  The Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship Manufacturing units are associated with this workplace learning experience. Students will work at least 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗			
<b>Manufacturing Youth Apprenticeship 2</b>	9 ✗	10 ✗	11 ✗	12 ✓	TEC-03777	2.5	Prerequisite: Successful completion of Manufacturing Youth Apprenticeship 1.  Concurrent enrollment in Level 3 Career Pathway courses or two additional technical-related courses (one each semester) to work placement. The second level Wisconsin (WI) Department of Workforce Development (DWD) Youth Apprenticeship program continues to build student knowledge and experience in Manufacturing. Students who register complete an application process to be accepted into the program. Students will work an additional 450 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.	Case ✓	Horlick ✓	Park ✓	REAL ✗	Walden ✗	Virtual ✗			



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<p><b>Business Co-Op</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>BMI-00001</p>	<p>2.5</p>	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Public Instruction (WI DPI) Business &amp; Information Technology Cooperative Education Skill Standards program associated with this workplace learning experience include: Business Foundations and Management. Students who register complete an application process to be accepted into the program. Students will work at least 480 hours in a paid work experience related to their pathway, averaging 10-15 hours per week.</p> <p>Prerequisite: Successful completion of Assistant Child Care Teacher.</p>	<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✗</p>
<p><b>Child Care Teacher Co-Op</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-00019</p>	<p>2.5</p>	<p>The Wisconsin (WI) Department of Public Instruction (WI DPI) Child Care Teacher Cooperative Education Skill Standards program is associated with this workplace learning experience. Students who register complete an application process to be accepted into the program. Students will work at least 480 hours in a paid work experience related to their pathway, averaging 10-15 hours per week. Potential career opportunities associated with this program may include within non-profit organizations and school districts.</p>	<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Market Ed Co-Op</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>BMI-03235</p>	<p>2.5</p>	<p>Prerequisite: Introduction to Marketing, Marketing Principles or Small Business Ownership, concurrent enrollment in Retailing #3229, and permission of Instructor.</p> <p>This course offers the student entry-level experience in the marketing and business field. Participants in this program are selected by the Marketing Co-op Coordinator and are placed on the job in a marketing position with a program partner employer. The main goal of the marketing cooperative education course is for students to gain some work experience in their chosen field, receive an excellent work recommendation at the end of the year, and enable them to obtain a better job upon graduation. Students taking this course must also take Retailing, Course #3229 at the same time.</p>	<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✗</p>	<p>Walden ✗</p>	<p>Virtual ✗</p>
<p><b>Family and Community Services Co-op</b></p>	<p>9 ✗</p>	<p>10 ✗</p>	<p>11 ✓</p>	<p>12 ✓</p>	<p>FCE-03677</p>	<p>2.5</p>	<p>Prerequisite: Concurrent enrollment in Level 2 or 3 Career Pathway courses or two technical-related courses (one each semester) to work placement.</p> <p>The Wisconsin (WI) Department of Public Instruction (WI DPI) Family &amp; Community Services Cooperative Education Skill Standards program is associated with this workplace learning experience. Students who register complete an application process to be accepted into the program. Students will work at least 480 hours in a paid work experience related to their pathway, averaging 10-15 hours per week. Potential career opportunities associated with this program may include non-profit organizations, police and fire departments, mental health organizations and school districts.</p>	<p>Case ✓</p>	<p>Horlick ✓</p>	<p>Park ✓</p>	<p>REAL ✓</p>	<p>Walden ✓</p>	<p>Virtual ✗</p>



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