

**3 PATHWAYS: (PAGE 1) ELECTRICAL ENGINEERING, (PAGE 2) ROBOTICS/ADVANCED MANUFACTURING, (PAGE 3) CNC/TOOL & DIE**

<b>Electrical Engineering</b>				
	Class Title	Course Number	Credits(HS)	Credits (GTC)
	<b>10th 2019-2020</b>			
B1	Digital Electronics	TEC-03751-Y1	1	3
B2	DC/AC 1	TEC-00026-S	0.5	3
B2	Electronic Devices	TEC-0-3751-Y1	0.5	4
	<b>2 Blocks</b>			
	<b>11th 2020-2021</b> (no Phil)			
B1	College Tech Math	who teaches	1	5
B2	Circuit Construction	who teaches	0.5	3
B2	DC/AC 2	who teaches	0.5	3
	<b>2 Blocks</b>			
	<b>12th 2021-2022</b>			
B1	TBD			
B2	TBD			
B3	TBD			
B4	TBD			
	<b>4 Blocks</b>			

<b>Advanced Manufacturing</b>				
	<i>Class Title</i>	<i>Course Number</i>	<i>Credits(HS)</i>	<i>Credits (GTC)</i>
	<b>10th 2019-2020</b>			
B1	Digital Electronics	TEC-03751-Y 1	1	3
B2	Robotics & Mechatronics Seminar	TEC-00013	1	4
	<b>2 Blocks</b>			
	<b>11th 2020-2021</b>			
B1	DC/AC 1	1st sem	0.5	3
B1	Fundamentals of Machining Processes	2nd sem	0.5	3
B2	POE	Phil	1	3
	<b>2 Blocks</b>			
	<b>12th 2021-2022</b>			
B1	Intro to Industrial Robotics & Intro to Internet of Things (Sem 1)		0.5	4
B1	Intro to Manufacturing Quality Control Systems (Sem 2)		0.5	2
B2	TBD			
B3	TBD			
B4	TBD			
	<b>4 Blocks - need to know 2,3,4</b>			

<b>CNC/Tool &amp; Die</b>				
	Class Title	Course Number	Credits (HS)	Credits (GTC)
	<b>10th 2019-2020</b>			
B1	CNC Machining Technology	TEC-00024	1	3
	<b>1 Block</b>			
	<b>11th 2020-2021</b>			
B1	Fundamentals of blue-print reading & Shop Safety		0.5	3
B1	Fundamentals of CNC Machine Applications		0.5	4
B2	TBD			
	<b>2 Blocks</b>			
	<b>12th 2021-2022</b>			
B1	Guaging & Quality Control (1 sem)		0.5	3
B1				
B2	CNC TBD	T&D TBD		
B3	CNC TBD	T&D TBD		
B4	CNC TBD	T&D TBD		
	<b>4 Blocks</b>			