Construction/Cabinet Making Courses

Construction Systems 1 & 2
1 Credit, Gr. 9, 10, 11, 12
Course # 3720

Prerequisite: None. This course is the 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. (Lab/Material fee required.)

Construction Systems 3
1 Credit, Gr. 10, 11, 12
Course # 3721

Prerequisite: Construction Systems 1 & 2; Department Approval. This is the first half of course 3723 which is a 2 credit capstone level class. This course is for the construction student who intends to enter one of the building trades. (Lab/Material fee required.)

Construction Systems Capstone 4
1 Credit, Gr. 10, 11, 12
Course # 3722

Prerequisite: Construction Systems 3; Department Approval. This is the second half of course 3723 which is a 2 credit capstone level class. This course is for the construction student who intends to enter one of the building trades. (Lab/Material fee required.)

Construction Systems Capstone 3 & 4
2 Credits, Gr. 10, 11, 12
Course # 3723

Prerequisite: Construction Systems 1 & 2; Department Approval. This course is for the construction student who intends to enter one of the building trades. Students focus on pre-apprenticeship activities within limits of the existing shop facility. Special attention will be given to occupational preparation requirements and characteristics of work in the allied building trades’ field. (Lab/Material fee required.)

Construction Systems RISE
1 Credit, Gr. 11, 12
Course # 3724

Prerequisite: Completion of Construction Capstone 3 & 4; Department Approval. RISE Construction is designed as a class that stimulates the woodworking and construction industries by designing, producing and marketing a product. Also included in this class is a more in-depth study of the CNC, woodturning, furniture making and construction areas. RISE may also be used as a teacher assistant program. (Lab/Material fee required.)

Building Trades Program – Carpentry, 240 Hours
1 Credit for completing a Minimum of 240 hours of OJT
Gr. 11, 12
Course # 3728

Prerequisite: Department Approval. This is a competency-based course in which students work on construction/carpentry. It meets the standards of the Milwaukee, & Southern Wisconsin District Council of Carpenters. Students will take part in an OJT construction project working under the supervision of a journeyperson carpenter in conjunction with the “school-based” program. This OJT experience will either be in a “rehabbed” or new construction project. The goal is to obtain 480 hours during one semester by working some days when school is not in session.

Building Trades Program-Carpentry
2 Credits for completing a minimum of 480 hours of OJT
Gr. 11, 12
Course # 3729

Prerequisite: Department Approval. This is a competency-based course in which students work on construction/carpentry. It meets the standards of the Milwaukee & Southern Wisconsin District Council of Carpenters. Students will take part in an OJT construction project working under the supervision of a journeyperson carpenter in conjunction with the “school-based” program. This OJT experience will either be in a “rehabbed” or new construction project. The goal is to obtain 480 hours during one semester by working some days when school is not in session.