

ADVANCED CARPENTRY/CONSTRUCTION

859 ADVANCED CARPENTRY/CONSTRUCTION

Term: FY

Grade: 12

Up to 4 Credits Elective

This course is an advanced skills course and d of carpentry and/construction. While in the field, students will build houses, additions and garages for homeowners in the community, with special attention devoted to safety. The course stresses the importance of organization, time management, and safety while honing students' ability to read blueprints, plan layouts, and create wall details, rafters, stairs, and interior and exterior trim work. Keeping current with industry and environmental trends, students will also be introduced to the latest methods in green technology and energy efficient framing. Students will take industry related field trips and hear from industry related speakers in all aspects of the building trade. Students are able to participate in state and local competitions through SkillsUSA. In addition to OSHA 10 and NCCER training and certificates, students will also receive training for in the International Code Council curriculum and receive certification upon successful completion of this training. This course meets for two blocks every other day. Students who wish to take an additional period of Carpentry (3 blocks) or who would like to complete a carpentry internship with the instructor may do so with the approval of the instructor and director. Students will receive a math related credit after successfully completing the full sequence of courses in the Carpentry/Construction Program. Students who maintain a B or better in the sequence of courses may earn elective credit at Community College of Rhode Island and New England Institute of Technology. Students may use the internship for offsite work as the required job shadowing hours for their graduation Googlio.