



Muscatine School District

Course Syllabus

Teacher(s) Name(s)	Ryan Kitzmann
Course Name	Advanced Woods and Carpentry
Email	Ryan.kitzmann@mcsdonline.org
Phone Number	563-263-6141 Ext: 1366
Office Hours	7:45 am - 3:45 pm
Course Description	This course provides students an introduction to the basic building materials, components, and methods of residential construction. It is designed to give students basic entry level skills in construction and related trades along with an overview of the career opportunities available. Emphasis is placed on safety and the proper use of both hand and power tools. The construction of a utility Shed will be one of the main activities for the class. The curriculum is aligned with the Career Connections Book by Carpenters International Training Fund.
Learning Objectives and Priority Standards	Construction CON1. Students understand and apply measurement systems in the planning and layout process used in the residential construction industry. CON2. Students understand the safe and appropriate use of hand tools common to the residential and commercial construction industry. CON3. Students understand the safe and appropriate use of portable power tools that are common to the residential

	construction industry and are appropriate to the individual student's level. CON4. Students understand project management procedures and processes as they occur in a construction project. CON5. Students understand the value and necessity of practicing occupational safety in the construction industry facility and job site. CON6. Students understand the variety of building phases, systems and techniques used in residential and commercial construction. CON7. Students understand the impact of financial, technical, environmental and labor trends on the past and future of the construction industry.
Instructional Materials	Course Text will be Provided (Career Connections Workbook 3: Residential Construction) <u>Material Needs:</u> Each student must provide the following materials for their class: • Safety Glasses should be purchased by the student and are to be worn at all times in the laboratory. • Chromebook fully charged • Notebook and filing system(folder, trapper keeper) to keep hand out materials and to take notes. • Each student will be responsible for storing safety glasses, closed toed shoes and project materials in the locker provided individually or in groups.

Communication Protocols	All course communication will be done through Google Classroom.
Grading Information	Weighted Grading Assessments - 55% Learning Activities - 20% Participation - 10% Final - 15% <u>Grading Policy and Weights:</u> 15% Final Test Grade • Will be a written assessment covering cumulative knowledge gained from the course, practical demonstration may also be assessed 10% Participation • Participation grades and assignments will be given the day of. Students with unexcused absences will not be given the opportunity to make up. 20% Practice Grade: Homework, In-class Assignments, and Lab Reports • Homework that is assigned will be graded as a practice assignment. ○ Homework that is turned in late will result in the loss of points. Students Have 2 Days to turn in assigned work for credit. ○ In-class assignments will be given throughout the semester ■ It is expected that the students use in-class work time to complete these assignments. Incomplete assignments will need to be completed outside of provided class time. • All labs are to be completed in the Muscatine High school Woods Shop. • Labs will be assigned to students on a regular basis with an allotted time for completion. 55% Practical Assessments, Projects, Tests, and Quizzes • Students may be asked to demonstrate use of knowledge gained through this course on a regular timeline.

	• Safety Tests must be passed with 100%. Re-takes will be allowed until a passing grade is complete • Tests will be completed in class or as accommodations need to be made. • An honest attempt needs to be made in order for projects to be graded with the given rubric.
Assignment List	
Academic Policies and Procedures	MHS Grading Policies Student Hand Book Plagiarism is the use of another writer's words or ideas without acknowledgement. It is literary theft. Academic dishonesty is the use of cheating by using other's work and claiming it as your own. Both are considered a severe violation of academic integrity and apply to all phases of the learning process (homework, assignments, projects and assessments). If a teacher or administrator concludes that a student has plagiarized, or has cheated, the consequences will consist of the student taking a "zero" on the assignment or assessment in which the student violated academic integrity. Cheating can be any activity where a student unfairly gains an advantage in their work by using another student's information and work as their own.
Course Calendar	Course Outline: ■ Unit 1: Course Introduction and Orientation ■ Unit 2: Review of Hand Tools, Measurement, and Building Materials ■ Unit 3: Review of Job Site Safety and Power Tool Operation ■ Unit 4: Review Print Reading and Material Estimation ■ Unit 10: Floor Framing ■ Unit 11: Wall and Ceiling Framing ■ Unit 12: Roof Framing ■ Unit 14: Roofing Materials and Methods ■ Unit 16: Exterior Wall Finishes ■ Unit 15: Exterior Doors and Windows