

South Hadley High School
"A Tradition of Excellence"

We pledge to create a challenging and supportive academic community in which each member strives to develop his/her potential, to become a life-long learner, and to act as a responsible citizen in a diverse and global society.

Cabinetmaking I Syllabus

Course Description / Prerequisites
Prerequisites: None This course includes basic mechanical drawing, use of hand tools, and the safe use of the four basic shop machines (table saw, planer, jointer, drill press, and band saw.) Emphasis is on basic furniture construction. Students select, design, and complete their own project(s).
Course Objectives / Outcomes / Expectations/ Topics
<ul style="list-style-type: none">- To exercise safety at all times- To understand basic mechanical drawing – from single view through full project design- To utilize and reinforce math skills via ruler reading, understanding fractions, calculating materials, and making project cost estimations- To obtain a basic understanding of furniture construction
South Hadley High School's Learning Expectations
<ul style="list-style-type: none">❖ E1: Read, write and communicate effectively.❖ E2: Define, analyze, and solve complex problems and communicate results.❖ E3: Study and work productively both independently and in groups.❖ E4: Demonstrate personal, social and civic responsibility.❖ E5: Acquire, apply, integrate, analyze, and synthesize knowledge.❖ E8: Identify and apply appropriate technologies.❖ E9: Take responsibility for career and life choices.
Text and Resources Required
<ul style="list-style-type: none">• No required text• Students pay for the materials for building their projects
Course Assessments
In the first quarter of the year, tests and quizzes are 15% of the grade; drawings are 10% of the grade. In the 2 nd , 3 rd , and 4 th quarters, the Weekly reports (including assessments on safety, work ethic, and progress toward project completion) comprise the last 75% of the grade.