

Woodworking 2

Class Meeting Location(s) -C103

Semester or Year Long Course - 1 Semester

Web Page - <https://sites.google.com/apps.fairmont.k12.mn.us/brad-johnson>

Learning Management System Information - Schoology

Prerequisite - WoodWorking 1

Contact Information

Instructor(s) name(s) - Mr. Brad Johnson

Preferred contact information

- johnson.bradley@apps.fairmont.k12.mn.us
- Phone-(507) 238-4411

Office location - C103

Office hours - No Office Hours

Course Description and Course Goals

- This course is intended to give students an in depth opportunity to develop advanced skills within the area of furniture & cabinetry. Students will design the project, develop a bill of materials, and select the appropriate materials to create a finished product of their choice. They will demonstrate skills and techniques used in fine cabinetmaking and will assess their work upon completion. Advanced wood joinery will be explored. Students will be responsible for the cost of the materials before they take it home.
- Career Connections: Project Book 2 contains chapters on safety, tools, and materials for projects at an intermediate level. Detailed Information on safety, tools and materials required, and step-by-step procedures are presented for many of the projects. Smaller lead-up exercises precede each shop project, allowing students to practice specific skills related to the project, such as proper operation of hand tools or the use of measurement devices.
- The features of the program yields a number of benefits to the student. It imparts the knowledge, skills, behaviors, and attitudes that will prepare students to become competent entry-level carpenters and encourages students to implement their career choice by seeking out further training.

Topics Outline

Safety on the jobsite

- Students will review general safety guidelines for all power tools used and demonstrate proper safety procedures for all power tools used. They will complete a safety checklist and pass all safety quizzes and skill tests at 100% to operate equipment.

Measurement, Layout, and Rough-out of Materials:

- Students will be able to measure lumber stock, identify basic measuring tools, read a scale or tape measure to 1/32nd of an inch and efficiently layout project parts to minimize lumber usage.

Identifying Materials:

- Students will be able to understand grain orientation and concepts, identify length, width, and thickness as required by grain direction, solve wood identification: hardwoods vs. softwoods, etc., recognize wood by species (maple, oak, walnut, cedar, etc.) and describe processed woods: veneers, pressed sheets.

Follow Plan Designs:

- Students will be able to follow the design plan for building a nightstand.

Adhesives, Gluing, and Clamping:

- Students will have the knowledge of kinds of adhesives, successfully glue and clamp boards edge to edge, successfully glue and clamp boards face to face, laminate curved surfaces and clamp irregular shapes and safely scrape excess glue and prep for finishing.

Joinery Techniques:

- Students will end joints for face frames and work on edge gluing and pneumatic nailing.

Texts, Materials, and Supplies

- Text - Career Connections: Project Book 2
- Required materials or equipment - chromebook, notebook, writing utensil, highlighter, calculator.
- Woodshop Safety is required to complete activities.

Grading

100-95%A		76-73%	C
94-90%	A-	72-70%	C-
89-87%	B+	69-67%	D+
86-83%	B	66-63%	D
82-80%	B-	62-60%	D-
79-77%	C+	59-0% F	

Summative Assessments 100% of total grade

Attendance

***** SCHOOL DISTRICT POLICY 540*****

Fairmont Area Schools expect students to conduct themselves ethically, honorably and with academic integrity. Students are expected to submit only original work on all assignments, quizzes, tests, essays, papers, homework, etc. unless they are given permission to work collaboratively with other students by the teacher. When using the work of others for purposes of research and support, that work must be properly cited.

Consequences of cheating or plagiarism may include but are not limited to:

1. A student will not receive credit for the work in question and may face further disciplinary action.
2. A student may be required to complete an alternative assignment or assessment.
3. Administration and parents/guardians will be notified of the incident by the teacher.
4. A Minnesota State High School League Code of Conduct review will be conducted, resulting in potential athletic and activities suspensions.
5. Administration may impose other consequences such as: exclusion from school events, dances, celebration events, field trips or other school sponsored activities.
6. A student may lose privileges including electronics.

Assignments & Homework

- There are 6 topics that will be covered in Advanced WoodWorking class. Each topic will have
 - one formative assessment worth 15-20 points each.
 - each project will have a summative assessment worth 100-120 points each.
 - They will be a cumulative Semester final worth 10% of the quarter grade.
- Students should follow the homework calendar that is located on the teacher’s webpage. This will have everything listed necessary to be successful in Advanced WoodWorking class.

Attendance, Participation, and Classroom Culture

- Classroom S125 is a NO Cell Phone Zone. Phones will be confiscated and taken to the office.

*****SCHOOL DISTRICT POLICY 503*****

GENERAL POLICY- INTRO FOR PROFESSIONALISM

Fairmont Jr/Sr High School believes that the classroom experience is an essential part of learning. A student with excessive absences can make up assignments and tests, but that work does not replicate the learning acquired through first hand interaction with the teacher and with other students. By placing a high value on a student's time in class, we expect our students to adhere to the District Attendance Policy in order to receive credit in a class. In addition we would like to prepare our students for a successful career by creating healthy attendance habits. The School Board reviews and approves the school calendar during the month of April prior to the next school year. Students and families should review the calendar and schedule routine appointments and special events during the summer or on non-school days.

APPROPRIATE USE GUIDELINES

The following are guidelines for helping students use district information technology systems appropriately:

1. Information technologies will be used by students for educational purposes.
2. Teachers or assigned support staff are required to directly supervise all student work on information systems connected to the network which is done during regular class meeting times for grades 7-12. Students in grades 7-12 may also use information technologies in the media center or other supervised areas under the general supervision of media staff, teachers, or support staff.
3. Recreational use of information technologies are allowed during times outside the school day during set times in the media center for students in grades 7-12.
4. Students who need access to information technologies for educational related purposes will be given priority over recreational users.
5. School email accounts and network accounts will be provided for students. These accounts are the property of the school district and should be used for school related work. Students may use school email for personal purposes outside the regular school day. Students should refrain from sending nuisance messages to individuals or groups including unsubstantiated virus alerts, religious and off color quotes and jokes, or direct reference to any information or site which is considered unacceptable (see unacceptable use section).
6. Students should not access their personal email accounts except during recreational use times unless this access is necessary to do school coursework. Such access must be authorized by the site Media Director. Students are to only store documents, media and other information that is needed for coursework or other school sponsored activities in school email or network accounts.

UNACCEPTABLES USES OF TECNOLOGY

The school district information technology system, including access to the Internet and WiFi, is to be a controlled, secured environment. Unacceptable use of the school district system or the Internet may result in one or more of the following consequences. These consequences will depend on the nature and degree of the violation and the number of previous violations.

- Suspension or cancellation of use of access privileges
- Payments for damages and repairs
- Discipline under other appropriate school district policies including suspension, exclusion or expulsion
- Civil or criminal liability under other applicable laws

The following uses of the school district information technology systems including Internet and WiFi resources, network accounts, and email accounts are considered unacceptable:

1. Users will not use the school district system to access, review, upload, download, store, print, post, or distribute:
 - a. Pornographic, obscene or sexually explicit material.
 - b. Materials that use language or images that are inappropriate to the educational setting or disruptive to the educational process and will not post information or materials that could cause damage or danger of disruption.
 - c. Materials that use language or images that advocate violence or discrimination toward other people (hate literature) or that may constitute harassment or discrimination.
2. Users will not use the school district system to transmit or receive obscene, abusive, profane, lewd, vulgar, rude, inflammatory, threatening, disrespectful, or sexually explicit language.
3. Users will not use the school district system to knowingly or recklessly post false or defamatory information about a person or organization, or to harass another person, or to engage in personal attacks, including prejudicial or discriminatory attacks.
4. Users will not use the school district system to engage in any illegal act or violate any local, state or federal statute or law.
5. Users will not use the school district system to vandalize, damage or disable the property of another person or organization, will not make deliberate attempts to degrade or disrupt equipment, software or system performance by spreading computer viruses or by any other means, will not tamper with, modify or change the school district system software, hardware or wiring or take any action to violate the school district system's security, and will not use the school district system in such a way as to disrupt the use of the system by the users.

6. Users will not use the school district system to gain unauthorized access to information resources or to access another person's materials, information or files without the implied or direct permission of that person.
7. Users will not use the school district system to post private information about another person or to post personal contact information about other persons including, but not limited to, addresses, telephone numbers, school addresses, work addresses, identification numbers, account numbers, access codes or passwords, and will not repost a message that was sent to the user privately without permission of the person who sent the message.
8. Users will not attempt to gain unauthorized access to the school district system or any other system through the school district system, attempt to log in through another person's account, or use computer accounts, access codes or network identification other than those assigned to the user.
9. Users will not use the school district system to violate copyright laws, or usage licensing agreements, or otherwise to use another person's property without the person's prior approval or proper citation, including the downloading or exchanging of pirated software or copying software to or from any school computer, and will not plagiarize works they find on the system.
10. Users will not use the school district system for the conduct of a business, for unauthorized commercial purposes or for financial gain unrelated to the mission of the school district.
11. Users will not use the school district system to offer or provide goods or services or for product advertisement.
12. Users will not use the school district system to purchase goods or services for personal use without authorization from the appropriate school district official.

If a user inadvertently accesses unacceptable materials or an unacceptable Internet site, the user shall immediately disclose the inadvertent access to an appropriate school district official. This disclosure may serve as a defense against an allegation that the user has intentionally violated this policy. A user may also in certain rare instances access otherwise unacceptable materials if necessary to complete an assignment and if done with the prior approval of and with appropriate guidance from the appropriate supervisor.

Course Schedule

- Students should follow the homework calendar that is located on the teacher's webpage. This will have everything listed necessary to be successful in Advanced WoodWorking class.