NNHS Woods Syllabus

Mission

To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors.

Course Description

This course will introduce students to wood working as a hobby and a profession. It will teach equipment safety and basic wood working skills and processes. The course knowledge will be learned through short lectures, videos, demonstrations and in-class safety and equipment worksheets. However, a majority of the class time will be utilized applying the knowledge and skills through project-based labs.

What to Bring:

As this is a lecture/lab course with no textbook, students NEED TO HAVE a notebook for note taking. Students are required to have paper and a pen or a pencil with them at EVERY class for notes and/or quiz taking. Students will not be supplied writing materials. Students failing to bring such materials on those days will receive a zero on those quizzes and will need to schedule a time to make them up. Safety Goggles and Closed Covered Shoes— NO SANDALS EVER!!

Course Subjects/Content

As an introductory course there will be a strong emphasis on safety, and basic tool and equipment operation. The following are objectives that will serve as benchmarks throughout this one semester course. Student will be able to:

1. Comprehend and apply Wood shop safety rules
2. Accurately read and manipulate a standard ruler to 1/16th of an inch
3. Identify different wood species, their characteristics and their defects.
4. Identify and demonstrate proper use of power tools and hand tools
5. Interpret project plans to construct various wood projects
6. Working knowledge of sanding and finishing technique
7. Identify and demonstration proper use of different fasteners

Safety

Maintaining safety in the classroom and on the job is imperative. Learning and developing excellent safety habits begins in the classroom and carries over to the employment environment. The best suggestion for practicing safe habits is the THINK before acting. As part of the program of study you will be operating hand tools and power tools. Therefore, I ask that you read and understand the following class safety rules completely:

1. Always wear safety glasses when on the shop floor
2. Remove or secure loose clothing, long hair, jewelry etc..
3. Student must have instructors permission to work on the shop floor
4. Always clean up your lab area and return all tools and equipment
5. The student will be responsible for any equipment damage caused through neglect, carelessness and/or rowdiness
6. Know where and how to find first aid
7. Don’t leave machines running unattended
8. Students will not use ANY power equipment until certified on proper operation of that equipment
9. All guards/shield must be in place and used. They are there for your safety not the machines.

**Reassessment Policy**

**Summative Assignments (tests, quizzes, projects):** These assignments must be completed before the end of the following unit.

**Formative Assignments (labs, class work, activities, homework):** All late work must be completed by the end of the current unit for a maximum grade of 80%. Anything turned in after the end of the unit will receive a maximum grade of 50%.

**Retake Policy (retakes are only on summative work, excluding final exams):**

1. Students are only allowed retakes on unit tests on which they receive a 79% or below.
2. The maximum grade the student can get on the retake is an 80%.
3. The higher of the two scores will be entered in Infinite Campus
4. The retake times and locations are left up to the individual teacher.
5. Students are required to sit down with Mr. Williams and discuss the system fully to demonstrate they understand the subject and are truly prepared for a re-assessment.

**Communication**

- Teachers make every effort to respond to emails and phone calls within 48 hours during the work week.
- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

**Parents or Guardians**

We need your help!

- Parents should actively check Infinite Campus for their students grade.
  - The grades on Infinite Campus will be accurate only at Mid-Quarter and Quarter. Prior to those dates, the grade reflected is fluid.
  - Infinite Campus is a communication tool until final grade is posted.
- Please ask your student about their school work
- Check with your individual teacher for classroom procedures, schedules, and daily class news.

**Classroom Behavior**

The goal of the instructor is to provide a positive, nurturing and fun learning environment for the students. Thus, a student can expect a focused yet relaxed climate. However, in times when a student might become disruption to other students the following plan will be followed through with:

1. verbal warning
2. written assignment
3. One way hall pass to the Dean’s Office and written statement to re-enter signed by student and parent

**School Policies**

Students may not have out their cell phones in class unless given permission by Mr. Williams. Do not plug in earpieces or any other devices into your computers other than jump drives for backing up work. Doing so violates your lab agreement and will result in a referral, not to mention the electrical static discharge can harm the computer. Check your Redbook for further details regarding electronics in school.
Academic Integrity, Electronic Files and Drafting

At times students will be required to turn in work electronically via the school network. Students are responsible for saving their files to their own personal school drive (H Drive) as well as hand in for submission files to the school’s global drive (G Drive). Any student who submits, copies, takes work that is not their own or gives another student work for submission will receive a zero on the assignment with no opportunity for re-take or re-submission. The student will also receive a referral and be subject to the consequences of the Academic Integrity Policies here at Naperville North High School.

Grades

There are multiple drawings per unit with numerous opportunities to show mastery of a standard. Progress and learned mastery of the course standards listed below will be the focus during awarding of grades for each standard. Each standard will be assessed and re-assessed numerous times throughout the semester. There will be no re-takes or reassessments for Summative Assessment drawings and tests given.

Grading will be based on the completion of drawings and the mastery of the standards given for each unit as demonstrated through the completion of both formative and summative assessments. Students will also be graded on the completion and proper use of social media for classroom discussion and projects.

Rounding of Grades

Upon final grade calculations per quarter and per semester grades may be rounded up. Grades will be rounded up based upon the following 2 conditions:
1. The final grade is with 0.5% of the next grade level (i.e. 89.50 will be rounded up to 90.00: from a B+ to an A)-
2. There were no missing assignments or assignments given a zero because of academic dishonesty.

A student’s final overall grade will be calculated in the following manner:

85% for overall class work (drawings, homework, quizzes) and 15% for the final exam/final project.

Materials Required:
1. safety glasses
2. Pencils
3. Textbooks will be considered reference, thus they will not be issued to students

Equipment Utilized:
1. Miter saw
2. Table saw
3. Jointer
4. Surfacer
5. Drill press
6. Jig Saw
7. Router
8. Band saw
9. Lathe