

# North High School Course Syllabus

**Course:** Woods II

**Instructor:** Mr. Kiihn

**Prerequisite:** Woods I

**Next course in sequence:** Woods III

**Lab Fee:** \$25.00 down payment. The average cost for a COMPLETED project is \$40 to \$50.

## **Introduction/Overview:**

The course will involve designing and constructing a piece of furniture, Desks, chests, VCR/stereo cabinets, tables, clocks, gun cabinets, and bookshelves are examples of acceptable projects. Special emphasis will be put on tasteful and balanced design during the planning stages of the project development. Students exploring woodworking as a career or leisure time activity will find this course useful.

## **Objectives:**

This Industrial Technology Course is designed to help you to become:

- A purposeful thinker able to understand up-to-date technology concepts and principles.
- An effective communicator who can explain technical systems and processes.
- A self-directed learner who can logically apply up to date repair procedures and or manufacturing processes.
- A responsible citizen capable of making informed decisions that will make the world a better place.

## **Course Outline:**

Machine and safety review  
Construct two-view drawing of project and materials  
List  
Review and draw seven wood joints  
Review and identify veneer plywood, hardwoods, and soft woods  
Write out project steps  
Gluing, clamping, project layout and assembly  
Review types of door and drawer construction  
Face frame construction  
Finishing methods, evaluation, review and final examination

Every Student will be able to:

- Draw a scaled two-view drawing using proper drafting format
- Demonstrate accurate measurement within 1/16" on an individual project using a ruler
- Demonstrate safety knowledge of all power woodworking machinery
- Calculate board footage of your project within an average of +/- 10%
- Perform step-by-step procedures in assembling an individual project

- Set up woodworking equipment safely and properly
- Construct a project within industry specifications and standards
- Identify and construct all the parts necessary to build a wood project including being able to miter, groove, pocket hole
- Identify and describe various project assembly techniques

## **Classroom/Laboratory Expectations:**

### **Operation Procedures:**

Each student will:

- Abide by all machine tool safety rules
- Provide and wear safety glasses
- Pay a lab fee for course materials
- Pass all safety tests
- Complete a daily clean-up assignment
- Follow all classroom rules
- Bring a pencil and notebook to class
- Be quiet and attentive during lectures and tests

## **Tardy Policy:**

Students are expected to be in their seats when the bell rings. In event that does not happen then the following is our tardy policy:

- |   |   |
|---|---|
| 1 <sup>st</sup> & 2 <sup>nd</sup> Tardy | Verbal warning  |
| 3 <sup>rd</sup> Tardy                   | The student and parent will be notified that the next tardy will result in a “After School detention” |
| 4 <sup>th</sup> Tardy                   | “After School detention”  |

## **Attendance:**

Students are expected to comply with all attendance Policies as established by building administration. Participation is an important part of your grade. Missing a class is difficult to make-up and may cause a reduction in your grade. It is the students responsibility to make-up all missed work.

## **Safety:**

Students are expected to comply with all safety procedures. Repeated failures to observe standard safety practices will result in being dropped from the course.

## **Discipline:**

Teachers will document and make students aware of disruptive behavior. Students are expected to take corrective action. Consequences such as detention may be assigned. Repeat violations will result in parent involvement. Further disruptions

will result in the student being referred to the administration with a recommendation of removal from class.

**Assessment Procedures:**

Students earn their grades based upon the number of points acquired:

Required projects	50%
Written assignments, tests	25%
Participation	25%

90%            A

80%            B

70%            C

60%            D

**Text/Resources: Woodworking Fundamentals**