North High School
Course Syllabus

Course: Woods I **Instructor(s): Mr. Kiihn**

Prerequisite: None
Next Course in Sequence: Woods II
Lab Fee: $15.00

Introduction/Overview:

The course is designed to provide you the opportunity to successfully work with wood. You will learn the proper and safe operation of hand tools and machines by building a required project. Each student will learn to develop and read a working drawing and plans. A complete materials list will be made from the plan prior to project start-up.

Objectives:

This Industrial Technology Course is designed to help you to become:
-A purposeful thinker able to understand up-to-date technology concepts and principals.
-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 introduction, wood joints
Measuring, working drawings, plans and materials list
Begin required project - sides
Set-up and safely make dado and rabbet joints – sides
Plane and machine shelves
Gluing techniques, layout, cut and glue project back
Wood fasteners, project assembly
Finishing methods
Finish project, evaluation, review and final examination

Every Student will be able to:

- Demonstrate safe operation of power woodworking machinery and hand tools.
- Demonstrate accurate measurement within 1/8” on an individual project using a ruler
- Create a two-view working drawing
- Use woodworking vocabulary effectively and properly when creating a product
- Construct a project using the two-view working drawing
- Identify and describe and use proper wood finishing techniques
- Identify and describe the wood joinery used in a wood project

- Identify the major parts of woodworking machinery in order to operate them safely

Classroom/Laboratory Expectations:

Each student will:

Abide by all machine tool safety rules
Provide and wear safety glasses
Pay a lab fee for course materials (second week)
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

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 (laboratory activity) is difficult to make-up and may cause a reduction in your grade. It is the students responsibility to make-up all missing work.

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:

1st & 2nd Tardy	Verbal warning
3rd Tardy	The student and parent will be notified that the next tardy will result in a "After School detention"
4th Tardy	"After School detention"

Safety:

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 (laboratory activity) is difficult to make-up and may cause a reduction in your grade. It is the students responsibility to make-up all missed work.

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