North High School
Course Syllabus

Course: **Woods III** **Instructor:** **Mr. Kiihn**
Prerequisite: **Woods II**
Next course in sequence: **Cabinetmaking Furniture and Case**

Lab Fee: **The average cost for a COMPLETED project is $50 -$60.**

Introduction/Overview:

The course is designed to provide more individualized and extensive to students who desire to pursue the woodworking field in greater depth. Each student is expected to pay a product fee for their take-home project. Estimated material cost of wood and finishing supplies is $50 - $60. If you do not prepay by the end of the first week of the term, you will have to purchase your own materials instead of ordering them through the wood shop. Gun cabinets, chests and tables are acceptable projects. A tape measure and safety glasses are required in this course. The class will meet for two periods.

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 and procedures
Gluing, clamping, project layout and cabinet assembly
Review types of door and drawer construction
Face frame construction
Finishing methods, evaluation, review and final examination

Every Student will be able to:

- **Demonstrate safety knowledge of all power woodworking machinery**
- **Draw a multi-view scaled drawing using proper drafting formats**
- **Calculate board footage of your project within an average of +/- 5%**

- **Perform step-by-step procedures in assembling an individual project**
- **Identify and construct all the parts necessary to build a wood project including being able to make frame and rail and raised panels**
- **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

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.

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 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**