

Geneseo High School – Introduction to Building Trades

Mr. Kyle Bess
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Spring 2011
Section 1
Room 37 or 36

GHS Mission Statement:

Geneseo High School is committed to helping all students develop their full potential and to preparing them to be independent, productive, responsible citizens by offering an academic and extra-curricular program that meets the needs of all students and by providing an environment conducive to learning.

Course Length – 1

Semester Required Text(s) and Materials:

Feirer, John L. Carpentry and Building Construction. 4th Ed. Peoria, IL: Glencoe, 1993. ISBN: 0-02-668278-8

Tools/Materials Required

(Locker and lock will be provided to secure all tools)

- Safety Glasses (OSHA Approved-If you have questions, please contact instructor)
- Tape Measure (25' Stanley PowerLock is Recommended)
- Hammer (20 oz – preferred)
- 6" Speed Square
- Utility Knife
- Chalk Line
- Tool Belt
- Pencil and Calculator (Optional)

Catalog Description:

This one-semester course shows students the basics of construction. Through traditional wood construction, students will construct a shed or similar project for a hands-on approach to building. Students will learn safety principles and practices; recognition of standard tools and materials; building concepts and procedures; local, state, and national codes, cost estimating and blueprint reading. Student will furnish hammer, tape measure, speed-square, utility knife, chalk line, tool belt, and OSHA approved safety glasses. Appropriate clothing and boots are required.

Goals:

1. To give the student an understanding of how to operate machinery properly and safely.
2. To give the student an understanding of the construction process.
3. To give the student a hands-on project.

Expectations

Be prepared for class.

Expected Learning Objectives:

Upon completion of this course, the student shall be able to:

1. Demonstrate safe use of machinery and tools
2. Be able to measure to within 1/16"
3. Be able to layout a basic building
4. Understand how construction is done
5. Read and demonstrate the knowledge of blue prints
6. Demonstrate how to calculate materials

Course Requirements and Class Organization:

This course is designed to last one semester.

This course is designed to give students the basic understanding of the building trades with a hands-on project. Students will gain an understanding of how the construction industry works through job-site visits, presenters, and various lab activities. Students will be required to pass all safety tests prior to using equipment. Class projects vary from semester to semester.

Grading:

40% Lab work 40% Test and Quizzes 15% Homework-Bookwork, Presentations, Documents 5%

Professionalism-Participation, Attitude, Work Ethic, On Time, Prepared for class,
Clean-up Make-up Work Policy – It is the student's responsibility to contact teacher

Excused absences:

The student has two days for every day of excused absence to make up missed work.

Unexcused absences:

The student has one day to make up missed work.

Late Work Policy:

All work will receive 10 points off per day late. Late work after five days will not be accepted and the student will receive a zero.

Cell Phones / I-Pods / Electronic Devices

Cell phones, I-pods, and other electronic devices are not to be used in the classroom. If a student uses any of these items to class without prior permission from the instructor, it will be confiscated from the student and taken to the office. The item may be picked up there after 3 PM.

Disclaimer: The schedule is subject to change.

Student Name (Print) _____ Student Signature _____

Parent Signature _____ Date _____