DAVENPORT COMMUNITY SCHOOLS

Name of School:

Name of Course: **Basic Carpentry**

Instructor Information

Name:
E-mail address:
School phone number:
Web page address:
Best times to be reached:

Course Description

The fundamentals of building construction will be taught through lecture, demonstration, and activity. Students will use construction models and will build a small structure to develop skill in the fundamentals of building construction.

District Standards and Power Benchmarks

Power Standards

Students will be able to:

1. Use all carpentry and construction equipment correctly and safely.
2. Construct a complete to-scale project.
3. Generalize construction occupations and regulatory standards.

Power Benchmarks

Students will be able to:

1. Describe carpenter's duties & sub-divisions within the occupation.
2. Measure accurately to 1/16 of and inch.
3. Recognize the OSHA safety regulation for the construction industry.
4. Demonstrate proper use of basic hand tools.
5. Demonstrate proper use of basic power tools.
6. Demonstrate how to read basic blueprints relating to rough framing.
7. Identify the names of the parts of a framed house.
8. Analyze basic structural materials, names, and uses.
9. Construct accurately a scale model frame house.
10. Describe legal terms, codes, permits, insurance, licenser, bonding, and workman's comp.

Course Information

Course Length – 1 Term
Elective
.5 Credits
No prerequisite

Course Outline/Calendar

Safety tests, lab projects and textbook assignments.
A notebook will be needed to write procedures and keep a Daily Log.
Fundamental Carpentry Topics:
Construction Materials
Codes and O.S.H.A.
Tool & Machine Safety.
Measurement, Layout, & Material Estimation
Structural Design & Architectural Blueprints
Inside and outside structural components.
Careers

Text/Other Required Materials/Resources

Textbook: *Modern Carpentry* Author: Wagner/Smith, Publisher: Goodheart-Wilcox, 2003

Safety Glasses are required by all during any lab activity and may be purchased at the school. They must be of a clear, high-impact resistant plastic with side shielding, and the Z87.1 coding stamp. Open-toed shoes are not allowed during lab work. Spare work clothes are best to have on hand because good ones do not exempt a student from any lab assignment.

Instructional Procedures & Support

Attendance is a priority. Students are responsible for the collection of information that will build throughout the term. This information will come in a variety of forms which may include; lecture, discussion, handouts, guest speakers, daily logs, bookwork, reports, videos, lab demos, and lab activities. Students are responsible for seeking out missing work as soon as possible and at a convenient time, set up with the instructor.

Classroom Management Procedures

1. District policies, as found in the student planner, will be enforced.
2. Attendance is the key to the complete acquisition of all information presented.
2. Treat all classmates and instructor with respect at all times.
4. Students are responsible to for all missing assignments.
5. No food or drink in the classroom.
6. No electronic devices eg. Cell phones, I-pods, and cameras

Assessment Plan

Grades will be given for daily performance, written quizzes, tests, projects and notebook.

Grading System

100 – 90 A
89 – 80 B
79 – 70 C
69 – 60 D
59 – 0 F