

Introduction To Manufacturing

(Woodworking)

Introduction To Manufacturing is a hands-on course that introduces students to manufacturing technology by changing raw materials (generally wood) into finish products by using current manufacturing technologies. Students will investigate careers, explore the impact, identify a variety of manufacturing technologies, and will learn and use safety practices. Students will obtain basic skills in use of manufacturing equipment and tools and understand the manufacturing design process. Work ethics and productivity are an integral part of the classroom and lab activities for this class. Introduction To Manufacturing is open to all students with or without prior woodwork experience. Students will be required to pay for all materials used in their projects. Core projects are required for all beginning Students.

Please read the following information. This form will be posted on Mr. Rencher's web site for your future reference.

Instructor: David Rencher **Phone:** 801-489-2880 **e-mail:** david.rencher@nebo.edu

Website: <http://david-rencher.sites.nebo.edu>

This website can be can be a helpful tool. There is a calendar of events and links to additional information for the class.

Needed Materials:

Pencil (not a pen) and paper and safety glasses are required each day for class.
Tape measure is optional but suggested

Attendance Expectations:

Because there is little homework in this class, it is expected that students will be in class on time each day and prepared to work including having the needed writing materials.
Up to 20% of the students grade will be determined by attendance including tardies.

Citizenship Expectations:

Because of the freedom enjoyed in an activity class of this type and whereas many Career and Technical Education classes are heavily laden with serious safety concerns, strict adherence to the "Nebo School District Secondary Citizenship Policy" will be maintained in order to preserve the educational and personal property rights of both the students and the instructor. This policy is written in full in the student handbook. Common courtesies for group instruction are expected.

Safety:

It is expected that all students will strictly follow all safety rules at all times, including: (1) participating in the class safety instruction or if absent, doing the corresponding text book work concerning safe machine operation; (2) reviewing the written safety information provided by the instructor; (3) passing the required safety tests; (4) always securing the express permission of the instructor before using any piece of power equipment; and (5) always wearing safety glasses when in the shop area as required by state law.

Project Costs:

Students in Manufacturing Technology will be constructing a “take-home“ project which requires a materials charge for all students. One half of this cost preferably will be paid at the beginning of the 2nd term. Hardware supplies will not be handed out until the first half is paid. The balance is due before the project can be taken home.

Clean-up:

It is expected that each student will participate in the clean-up of the shop or lab area at the close of each class period.

Discipline Policy:

In order to preserve a safe and educational climate in the shop and classroom, students failing to comply with the general rules of behavior listed in the student handbook will be subject to the following consequences which increase in severity until resolution has been obtained: (1) Receive a verbal warning/request from the instructor to comply with the rules. (2) Separation from the class activity followed, as soon as reasonable, by a conference with the instructor. (3) Invitation to the parent to become involved with the student and instructor in the resolution of the problem. (4) Referral to the administration and possible placement of the student in the “Skills Building” program.

Grades

Term grades will be a composite of assignments, tests, project work, attendance and preparedness for class along with clean-up participation. Students are encouraged to use the class web site and district internet Student Information System (SIS) to monitor their grade and plan for class activities. Scores for late or excessively late work may be discounted by up to 40%. Project work is a subjective composite of attitude, safety consciousness, attention to process, time on task and quality of work. Students in the Manufacturing classes will be expected to finish their basic project in order to receive a “A” or “B” grade. Extra credit work is available upon request from the instructor. Most tests are available for practice study and will be taken on-line at www.ucutips.org/~rencher (State of Utah Resources). Accommodations will be made for students without Internet rights.

Please sign and return this paper as soon as possible. By signing, you are confirming that you are familiar with and are willing to support Mr. Rencher class policies.

Student name, printed: _____

Parent name, printed: _____

Parent signature: _____ Date: _____