

CASPER COLLEGE COURSE SYLLABUS

CNTK 1860 – 02 Woodworking Fundamentals I

Semester/Year: Fall 2015

Lecture Hours: 2 Lab Hours: 4 Credit Hours: 4

Class Time: 9:00 AM-11:50AM Days: T TH Room: WT 126/127

Instructor's Name: Charles Mayfield

Instructor's Contact Information: leave message at the listed phone number Office Phone: (307)268-2674 Email: cmayfield@caspercollege.edu

Office Hours: as posted at office door. WT 129B

Course Description: Introductory woodworking skills. An emphasis on **SAFETY**, problem solving, material selection, and practical approaches to woodworking. In the laboratory students will receive an introduction to the safe and correct use of hand tools and stationary power tools and equipment, to build a project of the student's choice.

Statement of Prerequisites: none

Goal: The student will gain a basic knowledge of the safe, correct, and practical use of hand and machine tools, joinery and construction techniques, and materials used in woodworking.

Outcomes: Solve problems using critical thinking and creativity
Appreciate aesthetic and creative activities
Use quantitative analytical skills to evaluate and process numerical data

Objectives: 1. Demonstrate a knowledge of basic and available woodworking materials.
2. Know and apply the safe and correct use of hand tools, machines, and equipment used in woodworking.
3. Plan, design, and build woodworking projects.

Methodology: A lecture/laboratory approach to the subject will be used. Lecture time will be in the lab as well as the classroom. Each student will be required to do an approved project of their choice, using the tools and equipment provided in the laboratory.

Evaluation Criteria: lab participation	30%
tests	30%
project	40%

Required Text, Readings, and Materials: reference materials provided by instructor.

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: see current college handbook, for these dates.

Attendance Policy: **Three unexcused absences will result in the loss of one letter grade.**
A student who is more than 10 minutes tardy is counted absent.

Personal and equipment safety will be strictly enforced. It is the individual students' responsibility to develop and incorporate a safe work attitude.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Academic Dean, and lastly the Vice President for Academic Affairs.

Academic Dishonesty - Cheating & Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

Calendar or schedule indicating course content:

- 1 Project design and material estimating.
- 2-3 Safety: shop rules, hand tools, stationary power tools.
- 4 Sketching and project construction.
- 5-6 Joinery and project construction.
- 7-8 Abrasives and project construction
- 9-10 Hardware and project construction
- 11-12 Stains, finishes and project construction
- 13-15 Project construction
- 16-17 Careers and project construction

*The final week will be devoted to cleaning the shop.

