

CASPER COLLEGE COURSE SYLLABUS

CNTK 1640 Wood Finishing Methods

Semester/Year: Fall 2015

Lecture Hours: 1

Lab Hours: 2

Credit Hours: 2

Class Time: 6:00-8:50PM

Days: Th

Room: WT126

Instructor's Name: Charles Mayfield

Instructor's Contact
Information:

Office Phone:
(307) 268-2674

Email:
cmayfield@caspercollege.edu

Leave a message at the listed
phone number

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

Course Description: This course covers different types of wood finishes, application methods and appropriate uses. Topics include stains, dyes, fillers, paints and special wood treatment techniques. Students will gain an understanding of these various processes as they produce sample blocks of these finishes. Also the procedures for refinishing and restoring furniture.

Statement of Prerequisites: NA

Goal: The student will be able to select and properly apply the correct finish for a given woodworking application.

Outcomes:

- Demonstrate effective oral and written communication
- Appreciate aesthetic and creative activities
- Use appropriate technology and information to conduct research

Objectives:

1. Know the types of wood finishes most commonly used in woodworking.
2. Perform the steps necessary to prepare wood for finishing.
3. Understand the best uses of the various finishes i.e. their attributes and limitations.
4. Safely and correctly apply different types of wood finishes.

Methodology: Students will spend 1 hour per week in lecture learning the fundamentals of wood finishing, 2 hours per week will be used in demonstrations and lab time applying knowledge and developing skills in wood finishing and refinishing.

Evaluation Criteria:	Tests and assignments	30%
	Sample Blocks	40%
	Student Project	30%

Required Text, Readings, and Materials: hand-outs and reference materials provided by instructor
UNDERSTANDING FINISHES by Bob Flexner

Special Note: Safety Glasses must be provided by student.

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

Attendance Policy: **Two unexcused absences will result in the loss of one letter grade.
Students more than 10 minutes tardy are 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:

- Week 1. Introduction to wood finish properties
2. Woods/Special problems/Sample blocks
 3. Spray finishes/Lacquer/Paints/Sample blocks
 4. Brushed finishes/Varnishes/Shellac/Sample blocks
 5. Oil finishes/Sample blocks
 6. Rub-out/ Polishing/Sample blocks

7. Special finishes/Sample blocks
8. Review Finishes
9. Stripping methods
10. Gluing and clamping
11. Restoring finishes
12. Furniture repairs
13. thru 15. Student project
16. Review/Shop clean up