

CASPER COLLEGE COURSE SYLLABUS

CNTK Advanced Furniture Projects

Semester/Year: Fall 1215

Lecture Hours: 2

Lab Hours: 4

Credit Hours: 4

Class Time: 9:00-11:50

Days: M-Wed

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 class will focus on material selection, esthetic design, advanced joinery techniques, selection of hardware and consideration of grain and color to compliment the design. Coopering, bent lamination, veneering will be covered. Emphasis is placed on a high degree of craftsmanship, design and professionalism as demonstrated by the student through an independent furniture project of their choice and approved by the instructor.

Prerequisites: CNT 1860

Goal: Students will be able to design and build high quality furnishings.

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. Design a piece of furniture including detailed drawings with time and cost estimates.
 2. Select wood/wood products, hardware and finish that are appropriate for the project and explain his choice.
 3. Implement the construction of the designed project.

Methodology: The student will spend approximately 2 hours a week in lecture learning advanced techniques, methods and processes. 4 hours each week will be spent in practical application in the lab. Safety and high quality workmanship will be emphasized.

Evaluation Criteria: Student achievement will be evaluated using quizzes, assignments, submitting project design and how well the final project matches the design as well as quality of execution.

Quizzes:	10%
Project Plans:	20%
Completed Project:	60%
Class/Lab Habits:	10%

Statement of Prerequisites: CNTK 1865 or Instructor approval

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:

Three 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 – Basic design skills and research, material selection

Week 2 – Safety review

Week 3 – Layout and project construction

Week 4 – Lamination and project construction

Week 5 – Veneering methods and project construction

Week 6 to 15 – Short lectures as appropriate and project construction

Week 16 – Project evaluation and lab maintenance