

CASPER COLLEGE COURSE SYLLABUS

CNTK 1700 – 01 Introduction to Construction

Semester/Year: Fall 2015

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

Class Time: 1-4 PM Days: TTH Room: WT 126/127

Instructor's Name: Charles Mayfield

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

Office Hours: as posted at office entry – WT 129B

Course Description: The class teaches students how to do actual construction of residential and light commercial buildings.

Statement of Prerequisites: none

Goal: Students will have the knowledge and skills to enter the workforce in the construction industry.

Outcomes:

- Demonstrate effective oral and written communication
- Solve problems using critical thinking and creativity
- Appreciate aesthetic and creative activities
- Use quantitative analytical skills to evaluate and process numerical data

- Objectives:
1. Gain knowledge of basic construction materials.
 2. Demonstrate the safe and correct use of hand tools, machines, and equipment used in construction.
 4. Gain experience working on a construction crew.

Methodology: Lecture and concentrated lab with hands-on training. Field trips to local construction suppliers and manufacturers.

Evaluation Criteria: Written and/or demonstrable tests on assigned reading 50%
Daily attendance and participation 50%

Required Text, Readings, and Materials: Carpentry and Building Construction vol. 7

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: as stated in the current student handbook.

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

Safety: **Personal and equipment safety will be strictly enforced. It each 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:

Due to the nature of construction and its dependence on weather conditions, material availability, and personnel, a precise schedule is impracticable. The following will be covered:

1. Safety of shop, job site, hand tools, hand and stationary power tools.
2. Project design and material estimation.
- 3-4. Concrete and foundations.
- 5-6. Layout and project construction.
- 7-8. Scheduling and project construction.
- 9-10. Subcontractors and project construction.
- 3-16. Materials and project construction.
- 14-17. Finishes and project construction.

*The last week of the semester will be for cleaning and tool maintenance.

