

CASPER COLLEGE COURSE SYLLABUS

COURSE NUMBER & TITLE: FIRE 1760-N1 Building Construction

SEMESTER/YEAR: Fall 2015

LECTURE HOURS: 3 LAB HOURS: 0 CREDIT HOURS: 3

CLASS TIME: Varies ROOM: Distance Education Moodle

INSTRUCTOR'S NAME: Dale Anderson

INSTRUCTOR'S CONTACT INFORMATION:

Office Location: EI 120
Office Phone: 268-2361
Email: anderson@caspercollege.edu

OFFICE HOURS: MTWTH 9:00-12:00 AM or by appointment

COURSE DESCRIPTION: A practical approach to assessing hazards in various types of buildings. Construction types and classes are examined with firefighter safety and occupants viability as the foremost considerations.

STATEMENT OF PREREQUISITES: None

GOAL:

1. To give each student an understanding of building construction and its importance related to firefighting.
2. To teach students the different building construction types.
3. To give students the understanding of firefighter safety as it is related to building construction.

OUTCOMES:

Students will solve problems using critical thinking and creativity:

1. To understand the concept of how a building is constructed from the foundation to the roof.
2. To understand the components that make up the different building types.
3. To understand completely the effects of fire on a building.

Students will use appropriate technology and information to conduct research on topics related to building construction in the fire service

COURSE OBJECTIVE:

Students will be given a broad overview of fire service related building construction practices with emphasis on construction type recognition, components of building construction, and particular hazards involved to the firefighter.

Students will use critical thinking and creativity when making judgment calls associated with firefighting.

METHODOLOGY: This course will be presented in lecture format. Field tours will be utilized to provide students with the hands on knowledge of the subject presented. Some class exercises will be used to gain actual knowledge of a building on fire.

EVALUATION CRITERIA: Grades in this course will be based on exams and quizzes.

Chapter Quizzes:	412 points	A	90 – 100%
Class participation:	150 points	B	80 – 89%
Project	50 points	C	70 – 79%
Final	<u>100 points</u>	D	60 – 69%
<i>Total</i>	<i>712 points</i>	F	69% and below

REQUIRED TEXT, READING, MATERIALS: Brannigan’s Building Construction 5th e.

CLASS POLICIES:

Last Date to Change to Audit Status: See current Casper College catalog.

Last Date to Withdraw With a W Grade: See current Casper College catalog.

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 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 for more information on this topic.

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. This is also, where you will find course evaluation links during course evaluation periods.

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: (be as complete here as possible, at least a grid showing week by week topics to be covered, assignments, due dates, readings etc. This can always be modified with a new handout later in the semester – better to send out a revised schedule than to trust verbal announcements by themselves)

CALENDAR INDICATING COURSE CONTENT:

The following schedule is subject to change. Changes will be announced during lectures.

<i>Date</i>	<i>Topic</i>
Week 1	Introduction
Week 2	Chapter 1
Week 3	Chapter 2
Week 4	Chapter 3
Week 5	Chapter 5
Week 6	Chapter 6
Week 7	Chapter 7
Week 8	Chapter 8
Week 9	Chapter 9
Week 10	Chapter 10
Week 11	Chapter 11
Week 12	Chapter 12
Week 13	Chapter 13
Week 14	Chapter 14
Week 15	Final Presentations