

Course Syllabus

[Jump to Today](#)

[Edit](#)

M.E. RINKER, SR.

SCHOOL OF CONSTRUCTION MANAGEMENT

UNIVERSITY OF FLORIDA

Course Outline

BCN 3730 – Construction, Safety, Health and the Environment (3 credits)

PREREQUISITE: None

DESCRIPTION: Construction safety issues, concerns, requirements and procedures. The analysis includes costs, planning, administration, inspection, prevention, loss control and drug-free workplace. Understanding of the major health issues encountered on construction sites. Appreciation for the need to be environmentally responsible.

METHOD: Three lecture hours per week.

OBJECTIVES: To teach the students to understand the regulatory requirements in construction safety, to analyze unsafe construction activities and recognize how management practices can favorably impact safety performance, and understand how construction practices impact the environment. Students will create a site specific safety plan.

STUDENT LEARNING OUTCOMES:

Upon completion of the course students will demonstrate their ability to:

- Apply their knowledge of the OSHA regulations pertaining to construction safety and health (ASCE SLO 5)
- Assess the level of performance of a firm in the area of safety and health (ASCE SLO 5)
- Recognize effective management practices that favorably impact safety performance (ASCE SLO 5)
- Prepare a site specific safety program (ASCE SLO 18)
- Understand and appreciate the need to be environmentally responsible (ASCE SLO 5)

Successful completion of stated criteria will result in students earning the 30-hour OSHA cards.

-

REQUIRED MATERIALS:

None

GRADING SYSTEM:

(3)	Exams:	15% each
(1)	Safety Project:	30%
(10)	Quizzes	25% total

Grades will be computed according to the following scale: A=93-100; A- =90-92.9; B+ =87-89.9; B=83-86.9; B- =80-82.9; C+ = 77-79.9; C=73-76.9; C- =70-72.9; D+ =67-69.9; D=63-66.9; D- =60-62.9; E<60.

ASSESSMENT METHODS

Assessment SLO 5 SLO 18

Exams X

Safety Project X

Assessment Target

Exams At least 80% receive a C- or better

Safety Project At least 80% receive a B- or better

University Policy on Accommodating Students with Disabilities:

Students requesting accommodation for disabilities must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc/>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

Academic Honesty

Students must follow University of Florida's policy regarding plagiarism, cheating and the use of copyrighted materials. Students are responsible for reading and abiding by the University's Student Code of Conduct ([\(Links to an external site.\)](#)[Links to an external site.](http://www.dso.ufl.edu/sccr/honorcodes/conductcode.php)<http://www.dso.ufl.edu/sccr/honorcodes/conductcode.php> [\(Links to an external site.\)](#)[\(Links to an external site.\)](#) [\(Links to an external site.\)](#)[\(Links to an external site.\)](#) and the University Honor Code. Under the Student Honor Code (<http://www.dso.ufl.edu/judicial/honorcode.php> [\(Links to an external site.\)](#)[\(Links to an external site.\)](#) [\(Links to an external site.\)](#), "On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: 'On my honor, I have neither given nor received unauthorized aid in doing this assignment'."

Failure to follow the rules in the Student Honor Code will result in a failing grade on the assignment in question and consequently may result in a failing grade in the course. In addition, disciplinary action will be brought under the Judicial Process for Academic

Honesty Violations. Students who are unclear about what constitutes academic dishonesty, academic misconduct, plagiarism, or other violations should consult UF resources (<http://www.dso.ufl.edu/publications/> (Links to an external site.)[Links to an external site.](#) (Links to an external site.)[Links to an external site.](#) or make an appointment with the instructor to clarify any questions. In addition, all should consult the above websites and the graduate catalog for further information.

Class Demeanor

Students are expected to arrive to class on time and behave in a manner that is respectful to the instructor and to fellow students. Please avoid the use of cell phones and restrict eating to outside of the classroom. Opinions held by other students should be respected in discussion, and conversations that do not contribute to the discussion should be held at minimum, if at all.

Course Evaluation

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>. Class Demeanor Students are expected to arrive to class on time and behave in a manner that is respectful to the instructor and to fellow students. Please avoid the use of cell phones and restrict eating to outside of the classroom. Opinions held by other students should be respected in discussion, and conversations that do not contribute to the discussion should be held at minimum, if at all.

-

Counseling Services:

Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:

- Counseling & Wellness Center, 392-1575, Personal and Career Counseling.
- Student Health Care Center, 392-1161, Personal and Counseling.
- Center for Sexual Assault/Abuse Recovery and Education (CARE), Student Health Care Center, 392-1161 x4321.
- Career Resource Center, Reitz Union, 392-1601, career development assistance and counseling.

General Information

Faculty: Dr. Andrew Wehle

Office: 340 Rinker Hall

wehleaj@ufl.edu

Office Hours: Wednesday 2PM – 4PM or by appointment