

RINKER SCHOOL OF CONSTRUCTION MANAGEMENT  
UNIVERSITY OF FLORIDA

**ADVANCED INTERNATIONAL PROJECT SAFETY  
MANAGEMENT**

**COURSE NUMBER:** ICM 6770

**NUMBER OF CREDIT HOURS:** 3

**INSTRUCTOR:** Russ Walters ([rwalters@ufl.edu](mailto:rwalters@ufl.edu))

**RECOMMENDED MATERIALS:**

*All material is available through the online course delivery system.*

**COURSE DESCRIPTION:**

*Safety and health issues as they pertain to construction workers on international projects will be discussed in this class. Emphasis will be given to practices, conditions, and substances that are most problematic in the construction industry. The class will review safety best practices that have proven to be viable means of reducing construction worker injuries. Particular focus will be on recent innovative techniques that have proven to be effective in reducing worker injuries on construction sites. Resources related to safety and health will be explored.*

**PREREQUISITE KNOWLEDGE AND SKILLS:**

*None*

**COURSE LEARNING OUTCOMES:**

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

- *Understand factors that affect safety on international construction projects*
- *Critically analyze current research on project safety management*
- *Assess cultural impacts on project safety*
- *Apply methods learned in class to improve project safety and loss control*

**COURSE POLICIES:**

**ASSIGNMENT POLICY:**

*Assignments are due at the end of each module and before beginning of the next module. All work turned in for this course is expected to be of professional quality in content and presentation.*

## EXAM POLICY:

Tests are open-book but are limited in time. There will be one exam, which is a cumulative exam delivered after completion of all modules.

## UF POLICIES:

### 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.

### UNIVERSITY POLICY ON ACADEMIC MISCONDUCT:

Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at <http://www.dso.ufl.edu/students.php>. Although joint work on assignments may be acceptable in some cases, duplication of an assignment, both manually or by computer will be considered an act of academic dishonesty and dealt with accordingly. On all work submitted for credit by students at the university, the following pledge is either required or implied: **"On my honor, I have neither given nor received unauthorized aid in doing this assignment."**

## GETTING HELP:

For issues with technical difficulties for E-learning in Sakai, please contact the UF Help Desk at:

- [Learning-support@ufl.edu](mailto:Learning-support@ufl.edu)
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

## GRADING POLICIES:

Assignment	Percentage
12 Module Assignments @ 6% Each	72%
Final Exam	28%
Total	100%

## GRADING SCALE:

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.

Grade Values for Conversion												
Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E, I, NG, S-U, WF
Grade Points	4.0	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00	.67	0.00

## COURSE MODULES:

<u>1</u>	<u><i>Path to Safety</i></u>	<u>2</u>	<u><i>Cost of Injuries, Investing in Safety</i></u>
<u>3</u>	<u><i>OSHA Requirements of Particular Interest</i></u>	<u>4</u>	<u><i>Best Safety Practices on Large Construction Projects</i></u>
<u>5</u>	<u><i>Best Safety Practices on Shutdowns, Turnarounds, and Outages</i></u>	<u>6</u>	<u><i>The Role of Owners in Construction Safety</i></u>
<u>7</u>	<u><i>The Role of Designers in Construction Safety</i></u>	<u>8</u>	<u><i>The Impact of Construction Projects on Communities/Environment</i></u>
<u>9</u>	<u><i>Addressing Safety in Culturally Diverse Environments</i></u>	<u>10</u>	<u><i>Addressing Safety with Vendors on Construction Sites</i></u>
<u>11</u>	<u><i>Confined Space</i></u>	<u>12</u>	<u><i>Under-Reporting of Injuries</i></u>

*Disclaimer: This syllabus represents the current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.*