

MSES 5230.001 Risk Management in Construction

Instructor: Cheng Yu
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Spring 2022
Time: (Tu, Th) 11:30 am-12:50 pm

Course Description:

Review of the concepts of risk and uncertainty in the construction and their impact on management decisions in construction industry, and a study of the systems, tools and techniques used in construction project risk management. Subjects also include development of risk mitigation procedures, safety planning and execution, and the role of insurance and bonds in the industry.

Course Objectives

Upon completion of this course, the student should be able to:

- Identify the risks in construction projects
- Develop the skills in managing risks in construction

Course Requirements:

Attendance – Attendance is mandatory. Lectures, videos, and class discussions will contain vital information needed to do well on the exams.

Required text: Managing Risk: In Construction Projects, 3rd edition, by Nigel J. Smith, Tony Merna, Paul Jobling, Blackwell Publishing, ISBN: 978-1118347232, 2014

Recommended reference: The Fundamentals of Risk Management, by Chris Marrison, McGraw-Hill, ISBN: 0071386270, 2002

Exams: There will be two exams (this includes the final exam), each worth 10 points. Exams will be based on text readings, handouts, class exercises, videos, and class lectures and discussions. Students are responsible for all text material, regardless of whether we review the text material in class or not.

Missed Exams: You will be allowed to make up a missed exam only if you have a documented university excused absence. If you know in advance that you will miss an exam, you **MUST** contact me before the scheduled exam. Make-up exams will not contain the same questions and may contain only essay and short answer questions.

Assignments: In addition to the readings from the text, there will be home work. **Late assignments will be accepted with a late deduction of 20% per day.** One final project report will be required.

Extra credit: to be determined.

Grades will be based on:

Homework and in class assignments.....	40%
(each in class assignment equivalent to one 50% homework)	
Mid- Term Exam	30%
Final Project	30%
	<u>Total 100%</u>

Grade Distribution

A	90-100%
B	80-89.99%
C	70-79.99%
D	60-69.99%
F	0-59.99%

Disabilities Accommodation:

The University of North Texas complies with Section 504 of the 1973 Rehabilitation Act and with the Americans with Disabilities Act of 1990. The University of North Texas provides academic adjustments and auxiliary aids to individuals with disabilities, as defined under the law. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please see the instructor and/or contact the Office of Disability Accommodation at 940-565-4323 during the first week of class.

Additional Policies and Procedures:

Tardiness: If you arrive late, please enter quietly and sit down. Do not walk in front of speakers or disrupt the class in any other way.

Cell Phones: Please remember to turn off phones prior to class.

Extra Help: PLEASE DO NOT WAIT UNTIL THE LAST MINUTE. If you are having trouble with this class, please come by my office during office hours. I am also available by email at cyu@unt.edu.