Syllabus

Course: Community Risk Reduction from the Construction Manager’s View

Course & Section: BCN 3734

Credit Hours: 3

Session:

Instructor: Dr. Jeffrey Lindsey, PhD, PM, EFO, et al

Office Rinker School of Construction Management

Room 336A

Jeffrey.lindsey@ufl.edu

352-273-1199

Bio for Jeffrey Lindsey, Ph.D., PM, EFO

Office hours by appointment

Office Hours: I am typically pm campus Monday and Thursday Mornings and Tuesday afternoons

Course Communications:  Send me an email at Jeffrey.lindsey@ufl.edu

Required Text: Access to the internet

Course Objectives

 The objectives will be assessed through academic papers, presentations, and assessments including quizzes and tests.

The student will be able to:

Discuss the fire department's role in the community.

Describe the role of the construction manager's role in community risk reduction.

Discuss how building construction directly impacts the fire service in both the fire scenario and various disaster situations.

Additional Resources:  None

Course Description: This course will give the construction manager a general overview of their role in the community risk reduction as it pertains to fire, natural, and manmade disasters. The construction manager should be in prepared to have a general understanding of the fire service and its relationship to the construction industry.

Purpose of Course: This course is being offered as a request from the industry to provide a course in fire and disaster related issues in regard to the construction industry.

Teaching Philosophy:  I am looking for students to demonstrate a working knowledge of the subject. You need to be creative when you complete your assignments but maintain a professional appearance of your work. Your work needs to be complete and in such a manner that someone can pick up your document and understand what you are trying to convey. And all your work needs to be supported with research and cited in properly in APA format.

Instructional Methods: The course is designed for individual and group interactivity. There will be lecture, group interactivity, presenting to the class.

Course Policies:

Attendance Policy:  The course is designed in module format. You should check the site at least once a week. You are required to complete the assignments including discussion questions within the time period designated on the module. There will be meetings set up throughout the course. *Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at* <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#absencestext> *.*

Quiz/Exam Policy:  All quizzes and tests will be announced and attendance expectation is to be at class for these.

Make-up Policy:  *See attendance policy.*

Assignment Policy:  All assignments need to submitted on due date.

Course Technology:  Ability to use internet.

\*\* UF’s honesty policy

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code.  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.” The Honor Code [**http://regulations.ufl.edu/wp-content/uploads/2018/05/4.040.pdf**](http://regulations.ufl.edu/wp-content/uploads/2018/05/4.040.pdf%20)  specifies a number of behaviors that are in violation of this code and the possible sanctions.  Furthermore, you are obliged to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor of in this class. Go to [https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/](https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/%20)  for the Handbook. Keep in mind you CANNOT reuse work you already submitted for another class. You can ONLY submit work once for credit otherwise you will receive a zero for your grade.

 **USE OF ARTIFICIAL INTELLIGENCE (AI)**

Any and all use of machines that emulate human capabilities (ChatGPT, Stable Diffusion, DALLE, etc.) to perform assignments or other works in the course should be disclosed as it can border on plagiarism. AI-generated information, as long as this use is properly documented in the references and will need to include the prompt and the significant parts of the response. The use of generative AI tools is not permitted in this course for the following activities:

1. Completing group work that your group has assigned to you.
2. Writing a draft of a writing assignment.
3. Writing entire sentences, paragraphs or papers to complete class assignments.

UF Policies:

**Accessing University Academic Policies and Campus Resources**

To support consistent and accessible communication of university-wide student resources, please use this link to academic policies and campus resources: <https://go.ufl.edu/syllabuspolicies>.

University Policy on Accommodating Students with Disabilities: Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. Click [here to get started with the Disability Resource Center](https://disability.ufl.edu/get-started/). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

University Policy on Academic Misconduct:

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. 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.” The Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Click here to [read the Conduct Code](https://sccr.dso.ufl.edu/process/student-conduct-code/). If you have any questions or concerns, please consult with the instructor or TAs in this class.

Recording classes

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor. A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or guest lecturer during a class session. Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Policy on Course Syllabi 3 UF, Academic Affairs, September 9th, 2022 Honor Code and Student Conduct Code

Getting Help

Campus Resources:

Health and Wellness U Matter, We Care: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit U Matter, We Care website to refer or report a concern and a team member will reach out to the student in distress.

Counseling and Wellness Center: Visit the Counseling and Wellness Center website or call 352-392-1575 for information on crisis services as well as non-crisis services.

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the Student Health Care Center website.

University Police Department: Visit UF Police Department website or call 352-392-1111 (or 9-1-1 for emergencies).

UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; Visit the UF Health Emergency Room and Trauma Center website.

GatorWell Health Promotion Services: For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, visit the GatorWell website or call 352-273-4450.

Academic Resources

E-learning technical support: Contact the UF Computing Help Desk at 352-392-4357 or via e-mail at helpdesk@ufl.edu.

Career Connections Center: Reitz Union Suite 1300, 352-392-1601.

Career assistance and counseling services. Library Support: Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center: Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

Writing Studio: 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints On-Campus: Visit the Student Honor Code and Student Conduct Code webpage for more information.

On-Line Students Complaints: View the Distance Learning Student Complaint Process

Course schedule:

|  |  |
| --- | --- |
| Week 18/26Lindsey | Introduction to the fire service and its role in the community – research and find articles on this topic |
| Week 29/2Smith | Fire behavior and fire extinguishersQuiz1 |
| Week 39/9Lindsey | NFPA 241 and the process of NFPAQuiz 2 |
| Week 49/16Mitterer | Risk Management and the construction siteQuiz 3 |
| Week 59/23Lindsey | The inspection process – review inspection processes in construction and the fire service. Be able to use NFPA standardsTest 1 |
| Week 69/30Lindsey | Various means of fire suppression – identify the various ways fire can be extinguished from automatic systems to human controlQuiz 4 |
| Week 710/7Lindsey | Effects of natural made disasters on building materials- discuss how a disaster can affect the construction process including material availability to how an event can effect a site Quiz 5 |
| Week 810/14Lindsey | Man-made disasters on building materials- discuss how a disaster can affect the construction process including material availability to how an event can effect a site Demolition process per NFPA 241Test 2 |
| Week 910/21Mitterer | Underground operations per NFPA 241Quiz 6 |
| Week 1010/28 | Tall and mass structures per NFPA 241 |
| Week 1111/4Lindsey | Effects of fire on various construction materials discuss how a fire can affect the construction process including material availability to how an event can effect a site Quiz 7 |
| Week 1211/18Lindsey | Role of the construction manager as it relates to fire and disaster identify the importance of the construction manager in relationship of fire and disasters both pre- event, during event, and after event.Test 3 |
| Week 1312/2Lindsey | Group presentations |
| Week 1412/9Lindsey | Final Test |

| Grading Rubric |
| --- |
| **Criteria** | **Ratings** | **Pts** |
| Content Addresses Depth |

|  |  |
| --- | --- |
| **20 pts****Addresses all aspects of assignment in sufficient depth** | **10 pts****Does not address most aspects of assignment and/or fails to do so in sufficient depth** |

 | 20 pts |
|  Components |

|  |  |
| --- | --- |
| **20 pts****Includes all components of the assignment** | **10 pts****Includes some components of the assignment** |

 | 20 pts |
| Application of Information |

|  |  |
| --- | --- |
| **30 pts****Demonstrates understanding and application of information** | **10 pts****Does not demonstrate understanding or application of information** |

 | 30 pts |
|  Introduction |

|  |  |
| --- | --- |
| **3 pts****Introduction – is clear and understandable** | **0 pts****Introduction – is not clear and understandable** |

 | 3 pts |
|  Conclusion |

|  |  |
| --- | --- |
| **3 pts****Conclusion and recommendations follow logically from the body of the plan and bring closure to the plan** | **0 pts****Conclusion and recommendations do not follow logically from the body of the paper nor do they bring closure to the paper** |

 | 3 pts |
| Organization Sections |

|  |  |
| --- | --- |
| **2 pts****Subsequent sections are labeled and complete** | **0 pts****Some sections are labeled and complete** |

 | 2 pts |
| Organization Structure |

|  |  |
| --- | --- |
| **2 pts****Structure is clear, logical, and easy to follow; smooth transition between paragraphs which help maintain the flow of thought** | **0 pts****Sometimes the structure clear, logical, and easy to follow; seldom includes smooth transitions between paragraphs to help maintain the flow of thought** |

 | 2 pts |
| Readability and Style Length |

|  |  |
| --- | --- |
| **1 pts****Meets appropriate length** | **0 pts****Does not meet appropriate length** |

 | 1 pts |
| Readability and Style Spelling and Grammar |

|  |  |
| --- | --- |
| **5 pts****No major errors in spelling, punctuation, and grammar** | **0 pts****Numerous errors in spelling, punctuation, and grammar** |

 | 5 pts |
| Readability and Style Layout |

|  |  |
| --- | --- |
| **2 pts****Paper is laid out effectively—uses headings and other reader-friendly tools** | **0 pts****Paper is not laid out effectively; fails to use headings and other reader-friendly tools** |

 | 2 pts |
| Readability and Style Appearance |

|  |  |
| --- | --- |
| **2 pts****Paper is professional in appearance and demonstrates attention to detail; tone of voice is appropriate to the audience, content, and assignment** | **0 pts****Paper is not professional in appearance and demonstrates a lack of attention to detail; tone of voice is inappropriate to the audience, content, and assignment** |

 | 2 pts |
| Format and References Title Page |

|  |  |
| --- | --- |
| **2 pts****Title page complete** | **0 pts****Title page incomplete or inaccurate** |

 | 2 pts |
| Format and References Number of References |

|  |  |
| --- | --- |
| **4 pts****References required number of sources** | **0 pts****Does not include references to outside sources** |

 | 4 pts |
| Format and References Cited Properly |

|  |  |
| --- | --- |
| **4 pts****All references cited correctly** | **0 pts****References not cited correctly** |

 | 4 pts |
| Total Points: 100 |

Grading Policies:

The grade is based on a point system. You divide the total number of earned points into the total amount of points available to determine your grade.

**Grading Rubric**

Please see Grading rubric above for assignments.

|  |  |
| --- | --- |
| Assignment | Points or percentage |
| Quizzes 8 20 points each | 160 points 20%final grade |
| Attendance 15 classes 10 points each | 150 points  10%final grade |
| Master Tests 4 100 points each | 400 points 20% final grade |
| Final Test - comprehensive and applied | 150 points  30% final grade |
| Group Presentation | 140 points 20% final grade |
| **Total Grade** | **1000 points** |

See [https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx](https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx%20)  regarding current UF grading policies.

Grading Scale

 A   = 93.0 to 100%     C   = 73.0 to 76.9
A-  = 90.0 to 92.9       C-  = 70.0 to 72.9
B+ = 87.0 to 89.9       D+ = 67.0 to 69.9
B   = 83.0 to 86.9       D   = 63.0 to 66.9
B-  = 80.0 to 82.9       D-  = 60.0 to 62.9
C+ = 77.0 to 79.9       F   = below 60

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passing Grade** | A​ | A- | B+ | B | B- | C+ | C | C- | D+ | D | D- |
| **Grade Points** | 4.0 | 3.67 | 3.33 | 3.0 | 2.67 | 2.33 | 2.0 | 1.67 | 1.33 | 1.0 | .67 |

Please note that any student has less than 75% of their work complete for the semester cannot earn an “I” contract. If you have 75% of the work complete, you can propose an I contract to the instructor.

It is your responsibility to keep your instructor informed at all times. The instructor does have the right under extenuating circumstances with proper notification to assist the student by extending the above time requirements.

Evaluation process:

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.