FFP 4507: Management of Fire Related Human Behavior

Course: Management of Fire Related Human Behavior

Course & Section: FES4507

Credit Hours: 3

Session: Summer 2021

Course Format: Web-based Distance Learning

Instructor: Dr. Chris Reynolds, CEM

Office Hours: Mon 9am-10am, Wed 9am-10am (through scheduled appointment). You can email me at any time.

Required Text: None

Course Communications: There is a general discussion tab that can be used, or send me an email through the course email. Urgent messages can be sent to me directly chris.reynolds@ufl.edu.

Additional Resources: Use resources on the course site: https://dcp.ufl.edu/rinker/academics/fes-course-descriptions/

Course Description

**Course Description: This course presents a study of human behavior in fire and other emergency situations. Students will examine current and past research on human behavior, systems models, life safety education, and building design to determine interactions of these areas in emergency situations. Students will develop an understanding of a best-practice building life safety system as one that combines knowledge in the areas of psychology and sociology joined with engineering and education to produce the best possible outcomes in terms of human survivability in an emergency.

Credit Hours: 3

Prerequisite Knowledge and Skills: None

Learning Objectives

The student will be able to:

- Demonstrate knowledge of human behavior during fire incidents.
- Demonstrate the ability to understand behavior modeling.

- Demonstrate the ability to understanding of the public's perception of the modern day fire service.
- Demonstrate knowledge of the European and Western fire suppression models
- Demonstrate the ability to understand the various fire research models.
- Demonstrate an understanding of the data linkages.

Course Goals

1. The student will interpret and apply the terminology, concepts, methodologies and theories used within systems management.
2. The student expresses ideas in a convincing, organized, clear, coherent manner that is nearly error free and uses a style and language appropriate to the emergency services and the analytic profession.
3. Submitted written assignments should include such elements as well-crafted paragraphs, a persuasive organizational structure (e.g., introduction, body, conclusion; or introduction, methods, results, discussion), well-supported claims, and appropriate and effective stylistic elements adhering to APA style 6th edition.
4. The student considers the issues from multiple perspectives, logically analyzes evidence from credible, relevant sources, and develops reasoned conclusions.

- **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 should be completed in such a manner that someone can pick up your document and understand what you are trying to convey. Your work should be supported with research and cited in APA format.

- **Instructional Methods:**The course is designed for individual and group interactivity. It is important to post and respond to discussion questions in the course within the time frame allotted. This provides a learning environment by networking with other students in the course. The assignments are individual base to give you the opportunity to do a variety of activities, in many cases, similar to what you will be doing in role as a leader in the emergency services profession.

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/ugrad/current/regulations/info/attendance.aspx.*

- **Assignments & Discussions:** All assignments and discussions have a due date. Please be sure to check the dates and times they are due in each module. All due dates are set in order to provide consistency with the discussions and assignment submission. Each module will be opened early so you have time to read the material, formulate and answer

discussions and finish and submit the assignment. Each discussion and assignment will be closed one week after the due date.

- **Final Project:** There is a final project for this course. There are no exams or quizzes. The final project will cover all material learned and discussed throughout the course.
- **Make-up Policy:** You must contact me, prior to the assignment deadline if you are going to be late on any discussion or assignment to receive credit. In the event of an unforeseen inability to complete an assignment, due to technology, notify me as soon as possible.
- **Course Technology:** Class meetings will require a web camera and mic/audio. If you are not able to use a web camera you will need to at least provide audio/mic, you can call in on a phone also.

Canvas Information & Technology

Class meetings may require a web camera and mic/audio. If you are not able to use a web camera you will need to at least provide audio/mic, you can call in on a phone also. Otherwise, discussions and assignments will be web based and submissions will occur electronically. If technology help is required, please contact the UF Help Desk at:

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

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Other resources are available athttp://www.distance.ufl.edu/getting-help for:

- Counseling and Wellness resources
- Disability resources
- Resources for handling student concerns and complaints
- Library Help Desk support

Should you have any complaints with your experience in this course please visit http://www.distance.ufl.edu/student-complaints to submit a complaint.

UF Honor Code

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://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) 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.

UF Policies

University Policy on Accommodating Students with Disabilities: Students requesting accommodation for disabilities must first register with the Dean of Students Office. Here is the link.

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 Conduct:

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 honesty 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."

Netiquette: Communication Courtesy: All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats.

Course Evaluations: 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/.

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
See https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx (Links to an external site.)Links to an external site. regarding current UF grading policies.			

Course Grades

Assignment	Point or Percentage
Grading Discussion Participation – 10 points each discussion	90 points
Homework Assignments – 20 points each assignment	80 points
Final Project - comprehensive and applied	100 points
Total Grade	270 points

Late Assignments and Discussion Posts

- Assignments 48 hours late will receive a 10% deduction in their grade.
- Assignments more than 48 hours but less than 30 days late will receive a 20% deduction in their grade.
- Assignments more than 30 days late but submitted during the semester will receive a 50% deduction in their grade.
- Discussions more than 48 hours late will receive a 25% deduction in their grade.
- Discussions more than 48 hours later will receive a 50% deduction in their grade.

Please note: Any student have 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.***Points will be deducted for all late assignments.**

Information on current UF grading policies for assigning grade points:

To convert the final grade to credit hours please refer to by using the link to the web page: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Course Schedule

Module	Coursework
Module 0: Orientation	• Introduction • Class Introductions • Syllabus Quiz
Module 1: Modeling, Human Behavior and Fire	• Module One Overview • Module One Discussion One
Module 2: Comparing Modern Nations and Research Movement	• Module Two Overview • Module Two Discussion Two
Module 3: Techniques for Emotional Reasoning and Human Behavior Research Design	• Module Three Overview • Assignment 3 Reaction Paper
Module 4: Analyzing Relationships Between Variables and System Approach to Human Behavior	• Module Four Overview • Module Four Discussion 2
Module 5: Evacuation Behavior and Residential Care Facilities	• Module Five Overview • Assignment 5 Reaction Reaction Paper
Module 6: Fire Safety Design-Local Regulations and Firefighter Fatalities	• Module Six Overview • Module 6 Discussion 3

Evaluation Process

Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online 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.