



**LAMAR INSTITUTE
OF TECHNOLOGY**

Mitigation and Debris Management (EMAP 1345)

INSTRUCTOR CONTACT INFORMATION

Instructor: Tim Ocnaschek
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Office Phone: 409-839-2967
Office Location: Technology Center (TC) – Room 116
Office Hours: BY APPOINTMENT

CREDIT

3 Semester Credit Hours (0 hours lecture, 0 hours lab)

MODE OF INSTRUCTION

Online

PREREQUISITE/CO-REQUISITE:

None

COURSE DESCRIPTION

This fully on-line course examines the establishment, role and function of volunteers within an emergency response setting. It will also provide an overview in the decision-making process utilized in emergency management.

COURSE OBJECTIVES

Upon completion of this course, the student will be able to

1. Understand the decision-making process as it applies to emergency management
2. Describe the role of volunteers in emergency response
3. Explain the process for developing and managing volunteers
4. Understand the problems associated with spontaneous volunteers, and how best to utilize them during an emergency response

REQUIRED TEXTBOOK AND MATERIALS

1. **Hazard Mitigation and Preparedness (Anna K. Schwab, et al).** All additional materials will either be provided in Blackboard, or a link will be listed where the materials are available free of charge.
2. All students must register with FEMA and obtain a Student Identification Number (SID; <https://cdp.dhs.gov/femasid/register>).

ATTENDANCE POLICY

1. Except for the introductory week, weekly discussion assignments are due by Wednesday at midnight. Responses to classmate(s) are due by midnight Saturday. Tests are due by midnight Sunday.

2. The Final Project paper is due the week before Finals.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process by the specified drop date as listed on the [Academic Calendar](#). If you stop coming to class and fail to drop the course, you will earn an “F” in the course.

STUDENT EXPECTED TIME REQUIREMENT

For every hour in class (or unit of credit), students should expect to spend at least two to three hours per week studying and completing assignments. For a 3-credit-hour class, students should prepare to allocate approximately six to nine hours per week outside of class in a 16-week session OR approximately twelve to eighteen hours in an 8-week session. Online/Hybrid students should expect to spend at least as much time in this course as in the traditional, face-to-face class.

COURSE CALENDAR

DATE	TOPIC	READINGS (Due on this Date)	ASSIGNMENTS (Due on this Date)
Week 1	Introductions	<ul style="list-style-type: none"> • Initial Intro Discussion 1 • Final Intro Discussion 1 • Read Chapter 1: Hazards and Disasters • Chapter 1 - Discussion 1 • Chapter 1 Discussion Responses 	<ul style="list-style-type: none"> • Post by Jan 20 • Post by Jan 22 • Post by Jan 20 • Post by Jan 22
Week 2	Foundational	<ul style="list-style-type: none"> • Read Chapter 2: Preparedness, Hazard Mitigation, and Climate Change Adaptation: An Overview • Chapter 2 – Discussion 1 • Chapter 2- Discussion 2 	<ul style="list-style-type: none"> • Post by Jan 25 • Post by Jan 25

		<ul style="list-style-type: none"> • Chapter 2 – Discussion 1 Responses • Chapter 2 – Discussion 2 Responses • Review IS-393.b Introduction to Hazard Mitigation • Test 1 covering Chapters 1, 2 and IS-393.b) 	<ul style="list-style-type: none"> • Post by Jan 28 • Post by Jan 28 • Post by Jan 29
Week 3	Foundational	<ul style="list-style-type: none"> • Read Chapter 6: Role of the Federal Government in Disaster Management • Chapter 6 - Discussion 1 • Chapter 6 - Discussion 2 • Chapter 6 – Discussion 1 Responses • Chapter 6 – Discussion 2 Responses • Read Chapter 7: Mitigating Hazards at the State Level: Divergent Views and Outcomes • Chapter 7 – Discussion 1 • Chapter 7 – Discussion 2 • Chapter 7 - Discussion 1 Responses • Chapter 7 – Discussion 2 Responses 	<ul style="list-style-type: none"> • Post by Feb 1 • Post by Feb 1 • Post by Feb 4 • Post by Feb 4 • Post by Feb 1 • Post by Feb 1 • Post by Feb 4 • Post by Feb 4
Week 4	Resilience and Mitigation	<ul style="list-style-type: none"> • Read Chapter 8: Local Government 	

		<p>Powers: Building Resilience from the Ground Up</p> <ul style="list-style-type: none"> • Chapter 8 - Discussion 1 • Chapter 8 - Discussion 2 • Chapter 8 - Discussion 1 Responses • Chapter 8 - Discussion 2 Responses • Read FEMA IS-2700: National Mitigation Framework, an Introduction • TEST 2 covering Chapters 6, 7, 8 and IS-2700) 	<ul style="list-style-type: none"> • Post by Feb 8 • Post by Feb 8 • Post by Feb 11 • Post by Feb 11 • Post by Feb 12
Week 5	Risk Assessment and hazard mitigation to reduce vulnerability	<ul style="list-style-type: none"> • Read Critical Infrastructure Sectors • Post selected Critical Infrastructure Sector for final project • Post CI Sectors corresponding to wk 1 assignment • Initial Discussion 1 • Final Discussion 1 	<ul style="list-style-type: none"> • Post by Feb 15 • Post by Feb 15 • Post by Feb 15 • Post by Feb 18
Week 6	Mitigation Planning	<ul style="list-style-type: none"> • Read IS-318: Mitigation Planning for Local and Tribal Communities • Initial Discussion 1 • Final Discussion 1 • TEST 3 (over Chapters 10, 12 & IS-318) 	<ul style="list-style-type: none"> • Post by Feb 22 • Post by Feb 25 • Post by Feb 26
Week 7	Debris Operations	<ul style="list-style-type: none"> • Read FEMA IS-632.a (Introduction to Debris Operations) 	<ul style="list-style-type: none"> • Post by March 5

		<ul style="list-style-type: none"> • TEST 4 (over IS-632) 	
Week 8	Debris Planning	<ul style="list-style-type: none"> • Read FEMA IS-633 (Debris Management Plan Development) • TEST 5 (over IS-633) 	<ul style="list-style-type: none"> • Post by Mar 10

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

- Unit Tests- 60%
- Course Assignments- 40%
- Discussion assignments must be submitted in the following format: Course name, Student name, and date as a header. Answers must be in paragraph format and double-spaced with a 100 word minimum and 250 word maximum.
- After each assignment post, a feedback post is required to at least one fellow student. Lack of a feedback post will result in a 20 point reduction for the assignment grade. Repeated refusal to submit feedback will result in a 30 point reduction for the assignment grade.
- Assignments will be graded up to 7 days after the due date with a 10 point penalty. Assignments later than 7 days will be assessed a 0.
- I will drop the lowest two weekly assignment grades.
- I will drop the lowest test grade.
- There are several FEMA Independent Study courses covered in this class. Upon submission of a FEMA certificate indicating successful completion of the online course, I will add 5 points to the individual test score over that section of the course.
- Tests will be automatically grade and recorded in Blackboard.
- Your final grade will be the average of your weekly discussions, tests and the Final Project...

GRADING SCALE

90-100	A
80-89	B
70-79	C
60-69	D
0-59	F

LIT does not use +/- grading scales

ACADEMIC DISHONESTY

Students found to be committing academic dishonesty (cheating, plagiarism, or collusion) may receive disciplinary action. Students need to familiarize themselves with the institution's

Academic Dishonesty Policy available in the Student Catalog & Handbook at <http://catalog.lit.edu/content.php?catoid=3&navoid=80#academic-dishonesty>.

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at <https://lit.edu/online-learning/online-learning-minimum-computer-requirements>. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email specialpopulations@lit.edu. You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](#).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION

1. Students are expected to use proper net etiquette while participating in course emails, assignment submissions, and online discussions

2. Log onto Blackboard at least once per week.
3. Students must engage in weekly discussions and feedback to classmates
4. All students must register with FEMA and obtain a Student Identification Number (SID; <https://cdp.dhs.gov/femasid/register>).
5. Assignments' grades may be accessed through My Grades in Blackboard. Each assignment shows your grade and any comments I make on your assignment.
6. There are five FEMA Independent Study courses covered in this class, IS-393.b, IS-2700, IS-318, IS-632.a and IS-633. Upon submission of a FEMA certificate indicating successful completion of the online course, I will add 5 points to the individual test score over that section of the course.