

**PURDUE UNIVERSITY CALUMET**

# **OLS 399A**

## **Introduction to Emergency Management OnLine, Division 31**

Instructor  
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### **Students with Special Needs Enrolled in this Course:**

Students with documented disabilities that are enrolled in OLS 399A are entitled to reasonable accommodations. It is the student's responsibility to inform the instructor of special needs. It is suggested this information be shared early in the course so that adaptation instruction and/or evaluation can be effectively and efficiently made. Additional information about Purdue University Calumet's services to students with disabilities can be provided through the Office of Student Support Services (219) 989-2455.

### **Instructor Biography**

Dean Larson is Department Manager, Safety and Industrial Hygiene, U.S. Steel—Gary Works. As a guest lecturer he teaches in Education and OLS. Dr. Larson received his BS and Ph.D. degrees from Purdue and Master's from the Naval Postgraduate School. Prior to his present position, Dr. Larson served as the Environment, Safety & Health Training Manager, Argonne National Laboratory. He retired as a Captain in the Naval Reserve after 30 years service. He is Certified Safety Professional (CSP) and a Certified Emergency Manager (CEM). Dr. Larson is the industry representative on the NFPA Technical Committee on Disaster Management.

**Student Objectives:** Students achieving mastery will be able to:

- ◆ Define the meaning of Mitigate, Preparedness, Response and Recovery in disaster/emergency management programs.
- ◆ Identify their individual role in the emergency preparedness program of their town or city.
- ◆ Discuss the concept of “outside assistance needed when local resources are exceeded”
- ◆ Describe the Emergency Management organization of Lake County, IN and the State of Indiana
- ◆ Discuss the role of the Local Emergency Planning Committee (LEPC)
- ◆ Describe the role of FEMA and briefly discuss the formation of FEMA

**Textbooks:**

Technical Committee on Disaster Management, National Fire Protection Association (NFPA), 2000, *NFPA 1600 Standard on Disaster/Emergency Management and Business Continuity Programs 2000 Edition*. Quincy, MA: NFPA.

Waugh, William Jr., (2000), *Living with Hazards, Dealing with Disasters: An Introduction to Emergency Management*. Armonk, NY: M.E. Sharpe

**Assumptions:**

- 1) Students need and want enhanced knowledge, skills, and attitudes in emergency management.
- 2) Academic honesty.

**Discussions:**

When the instructor posts a discussion question, each student is expected to contribute to the discussion. These discussions will be counted as part of your Participation Grade.

**Participation:**

Student participation is a critical part of this course. Each student must communicate every week with the instructor by e-mail. The participation can be submission of an assignment, separate e-mail or participation in a discussion question posted to the course chat site. For every week with no contact, ten points will be lost. All e-mail to the instructor should be sent to **dlarson@uss.com**.

## Projects:

**Project 1:** Identify an emergency/disaster and analyze the Mitigation, Preparedness, Response and Recovery aspects of the event.

- ✓ 2–3 pages.
- ✓ 20 points.
- ✓ Due Monday, January 22, 2001.

**Project 2:** Select three Internet sites, which apply to the field of emergency/disaster management. Identify the correct Internet address and develop a paragraph to describe the site. The instructor will provide an example of the paragraph required on each site.

- ✓ 10 points.
- ✓ Due Monday, February 19, 2001.

When all sites are submitted, the instructor will provide a consolidated listing to all students.

**Project 3:** Select a discussion question from the Waugh book. Questions are found on pages 22, 56, 93, 141, and 181. After you have selected your question, notify the instructor of your selection by e-mail. Each student must select a different question. First come, first choices.

- ✓ 3–5 pages.
- ✓ 20 points.
- ✓ Due Monday, April 2, 2001.

All references (including the Internet resources) must be properly cited.

**Course Project:** Identify an emergency/disaster-related topic. Prepare a presentation with at least ten PowerPoint slides and a ten page (minimum) discussion and description of the topic. All references must be documented. Each student must develop a presentation on a different topic. Topic selections are due to the instructor by Monday, February 12, 2001.

- ✓ 30 points.
- ✓ Final project including PowerPoint is due on May 7, 2001.

**Some suggested course project topics:**

National Response Team (NRT)  
Integrated Contingency Planning (ICP)  
County or municipal EM (Emergency Management) organization  
Risk communication for emergency management  
National Fire Protection Association (NFPA)  
New Madrid Earthquake of 1811-1812  
Emergency Education Network (EENET)  
Local Emergency Planning Committee (LEPC)  
State Emergency Response Commission (SERC)  
National Earthquake Hazards Reduction Program (NEHRP)  
National Emergency Training Center (NETC)

Some suggested course project topics (Continued)

Radiological Emergency Response—county, state, or Federal

Project Impact (FEMA)

Establishment of FEMA

Indiana State Emergency Management Agency

Incident Management System

Risk Management Plan (EPA)

SARA Title III (EPA)

HAZWOPER (OSHA)

Federal Response Plan

CHEMTREC

<b>Week of</b>	<b>Topics</b>	<b>Assignments</b>
January 16	Course Introduction	Project 1 Read both texts
January 22	Description of Standard	NFPA 1600
January 29	Description of Standard	NFPA 1600
February 5	Description of Standard	NFPA 1600
February 12	Description of Standard	NFPA 1600 Project 2
February 19	Description of Standard	NFPA 1600
February 26	Description of Standard	NFPA 1600
March 5	EM Profession	Waugh
March 12	CELEBRATE	Waugh
March 19	EM in the United States	Waugh
March 26	Natural and Man-made Hazards/Disasters	Waugh
April 2	Challenge of EM	Project 3
April 9	Lake County/FEMA	
April 16	LEPC	
April 23	Incident Management System	
May 7		Course Project

<b>Possible Points</b>	<b>Category</b>
20 Points	Class Participation
40 Points	Course Projects
40 Points	Projects
10 Points	Extra Credit

### **Grade Ranges**

<b>A</b>	90 or more points (zero no-contact weeks)
<b>B</b>	80–89 points
<b>C</b>	70–79 points
<b>D</b>	60–69 points
<b>F</b>	< 60 points