

**NORTHERN ILLINOIS UNIVERSITY  
(DEPARTMENT OF TECHNOLOGY)**

NORTHERN ILLINOIS UNIVERSITY  
DEPARTMENT OF TECHNOLOGY  
DeKalb, Illinois 60115  
Class Day- Tuesday  
Class Room: SG 304 NIU  
Time: 3:30 p.m.-5:50 p.m.

## SYLLABUS - FALL 1995

### COURSE DESCRIPTION

Organizational for survival from natural and man-made disasters. Warning, communication and radiological monitoring.

*OBJECTIVES:* The student will study, evaluate, and analyze:

1. natural and man-made disasters, before during, and after
2. the economic, social, psychological, physiological, and environmental effects of the disasters
3. the organizations and agencies involved in the relief
4. the components of a disaster plan

### *COURSE OUTLINE*

1. Disasters
  - 1.1. Natural
  - 1.2. Man-made
2. Preparedness and planning
  - 2.1. Community and Industry disaster planning
  - 2.2. State and Federal
  - 2.3. Disaster warning and prevention
  - 2.4. Psychological, sociological, and behavioral response to disaster
  - 2.5. Emergency medical procedures
  - 2.6. Hospital disaster planning
  - 2.7. Emergency public health procedures
  - 2.8. Food relief
  - 2.9. Emergency shelters
3. Disaster oriented organizations and agencies
  - 3.1. National Defense System
  - 3.2. Police (local, state)
  - 3.3. Fire Department
  - 3.4. National Guard

- 3.5. Army
- 3.6. Red Cross
- 3.7. Salvation Army
- 3.8. Volunteers
- 3.9. Religious organizations
- 4. The role of the Federal Government
  - 4.1. Department of Defense
  - 4.2. Corps of Engineers
  - 4.3. Bureau of Public Roads
  - 4.4. Department of Agriculture
  - 4.5. Small Business Administration
  - 4.6. Public Health Service
  - 4.7. Federal Housing Administration
  - 4.8. Veterans Administration
  - 4.9. General Service Administration

**COURSE SCHEDULES  
DISASTER PREPAREDNESS  
TECHNOLOGY 432**

<b>WEEK</b>	<b>DATE</b>	<b>TOPIC</b>	<b>ASSIGNMENT</b>
1	8/29/95	Introduction course overview	
2	9/5/95	Natural/Technological disasters Introduction to Disaster Planning (local level)	
3	9/12/95	Disaster Planning (continued)	
4	9/19/95	A.S.S.E. Conference or Alternative assignments	
5	9/26/95	American Red Cross and Disaster Response State Planning for Disaster (overview) Disaster Response MID-TERM	
6	10/3/95	Physical/Medical Aspects of Disaster Psychological/Social Aspects	
7	10/10/95	Overview of Group Projects Radiological Monitoring	
8	10/17/95	Industry Planning for Disasters	
9	10/24/95	School Planning for Disasters	
10	10/31/95	Group Term Project Research	
11	11/7/95	Overview of Group Plans	
12	11/14/95	Federal Role in Disasters	
13	11/21/95	Field Research	
14	11/28/95	Group Oral Plan Overview	
15	12/5/95	Group Oral Plan Overview	
16	12/12/95	<b>FINAL EXAM</b>	

This schedule is subject to modification which will be announced in class

## TECH 432 - DISASTER PREPAREDNESS

### COURSE ASSIGNMENTS:

Each participant will work in one of three groups developing a plan to deal with disasters in Northern Illinois in one of three settings: (1) communities, (2) industries, or (3) schools. A written sample plan will be developed, duplicated and orally presented.

Each participant will also identify an actual disaster and critique the disaster from a disaster preparedness perspective highlighting the strengths and weaknesses in the preparation and actual carrying out of a disaster program

Graduate students will contract with the instructor to meet their graduate requirement.

### EVALUATION:

Midterm	100 points	100-90% = A
Final	100 points	89-80% = B
Group Report	100 points	79-70% = C
Disaster Critique	50 points	69-60% = D
Group Report (oral)	<u>100 points</u>	59% or less = F
Total 400 points		Letter grade reflect % of point total

### GRADING

### EXTRA CREDIT:

Extra credit can be contracted for prior to the mid-term with the instructor (25 pts. max.)

### NOTE:

All work must be typed.

No unexcused late work will be accepted.

All work is due by the last class session prior to the final exam.

Keep a COPY of YOUR work for your record: work will not be returned.