SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE (GEOGRAPHY DEPARTMENT)
GEOG 436 - ENVIRONMENTAL DISASTER PLANNING

Spring 1995 M, W, F 3:00-3:50 p.m., Faner 2522

Instructor: Dr. Ben Dziegielewski (Read: Jen-ghie-lef-ski)
Office: Faner 4531, Office Hours: MW: 11:00 am-1:00 pm
F: 1:00-3:00 pm

COURSE OBJECTIVE: The major goal of this course is to provide the students with the skills and perspectives needed to assess and develop plans to deal effectively with the complexities of natural and man-made disasters.

GRADING: Homework Assignments 15%
Disaster Event Presentation 15%
Test (Midterm) 25%
Final Exam (Comprehensive) 30%
Disaster Plan Evaluation 15%
TOTAL 100%

GRADING POLICY: 90 – 100 A
80 – 89 B
70 – 79 C
60 – 69 D
Below 60 F

CLASS SCHEDULE AND TOPICAL OUTLINE (TENTATIVE)

Jan. 18  W  Course outline, schedule of class presentations
          F  Needs for Disaster Planning

Jan. 23  M  Societal Perception, Impact and Response
          W  Risk Management
          F  Noneconomic Impacts and Damages

Jan. 30  M  Economics of Environmental Disasters
          W  Economic Impacts/Losses/Damages
          F  Measurement of Disaster Impacts

Feb.  6  M  Disaster Planning Framework
          W  Hazard and Risk Assessment
          F  Floods

Feb. 13 M  Hazard and Risk Assessment, cont.
          W  Disaster Preparedness
          F  Earthquakes
Feb. 20  M  Hazard Mitigation
         W  Hazard Mitigation, cont.
         F  Tropical cyclones

Feb. 27  M  Hazard Prediction
         W  Hazard Prediction, cont.
         F  Tornadoes

Mar.  6  M  Emergency Response
         W  MIDTERM TEST
         F  Nuclear Accidents

Mar. 13  M  SPRING BREAK
         W
         F

Mar. 20  M  Recovery and Redevelopment
         W  Recovery and Redevelopment, cont.
         F  Hazardous Chemical Spills

Mar. 27  M  Development of a Disaster Plan
         W  Lessons Learned from Emergency Events
         F  Droughts

Apr. 3   M  Public Education/Information Programs
         W  Public Education, cont.
         F  Global Warming

Apr. 10  M  Public Education, cont.
         W  Public Education, cont.
         F  Acid Rain

Apr. 17  M  Preparation of a Written Plan
         W  Preparation of a Written Plan, cont.
         F  Ecological Disasters

Apr. 24  M  Review of Existing Plans
         W  Review of Existing Plans, cont.
         F  Ecological Disasters

May  1  M  Federal Disaster Legislation and Agencies
         W  Policy Outlook/Research Needs
         F  Ecological Disasters

May  8  M  FINALS
         W
         F