

## **FES 4823 – Integrated Emergency Management Planning System**

### **Course Description:**

An analysis of technology applications and its role in emergency planning, responses, recovery, and mitigation. Pre requisition CGS 1060.

### **Course Competencies:**

Competency 1: The student will define the use of technology in emergency management by:

- a. identifying computer systems used
- b. researching and discussing telecommunications and related technology in emergency rescue and security

Competency 2: The student will demonstrate the importance of technology by:

- a. describing technological advances
- b. defining technological needs
- c. describing the interaction of technology, politics, economics, demographics and environmental change

Competency 3: The student will discuss technological strategies by:

- a. describing the use of and impact of technology in emergency management
- b. identifying methods used to secure technologies

Competency 4: The student will analyze the impact of the Internet in emergency planning by:

- a. defining the Internet's purpose and its contributions to emergency planning
- b. comparing and contrasting the advantages and disadvantages of "open systems"

Competency 5: The student will analyze technology applications by:

- a. identifying and discussing emergency planning applications
- b. defining response and recovery applications
- c. assessing mitigation applications

Competency 6: The student will create a plan demonstrating the need for technology by:

- a. defining the need for technology
- b. incorporating implementation strategies
- c. demonstrating community benefits
- d. incorporating maintenance and testing strategies
- e. incorporating training schedules

Competency 7: The student will analyze acquisition issues by:

- a. researching and discussing cost effectiveness
- b. determining need
- c. discussing resistance to change