EMERGENCY MANAGEMENT Program Learning Outcomes:

The Emergency Management Program is designed to:

- Describe the four phases of emergency management and the role each of them plays in managing and mitigating a disaster.
- Delineate the role terrorism plays on society and how it impacts public policy and decision making
- Demonstrate the skills needed to effectively manage a disaster scene.
- List the resources needed and how to obtain those resources effectively mitigate disaster damage
- Describe the various emergencies in public health and the organization needed to reduce the threat to the public and mitigate pain and suffering of society
- List the psychological damage caused by disasters to both the civilian and the first responder and how to mitigate the effects of those disasters
- Recognize and identify the needs for an effective training program in emergency management
- Identify the core requirements to effective planning
- Demonstrate how to perform a risk analysis
- Describe the effective way to make decisions and problem solve during an emergency
- Prepare students to be future leaders in the Emergency Response fields
- List the methods of communication during a disaster and the reasons for using each one
- Have the graduate be an affective member of the incident command team at a disaster or crisis.
- Meet the Presidential Directive of having employees in emergency service professions trained in the Incident Management System

Graduate Outcome Statement:

CCRI Definition of an Educated Person: Four Abilities

The Community College of Rhode Island recognizes four critical areas that define the learning outcomes of a CCRI graduate. These four abilities can be applied in many contexts and are critical skills that must be developed not only at CCRI, but over the course of a lifetime. These core abilities guide students, faculty and staff in establishing educational goals and assessing learning within and across the primary domains of knowledge: arts and humanities, science and mathematics, and the social sciences.

Therefore, it is essential that associate degree program graduates develop a strong foundation in each of these critical areas. Proposals for new degree program or
modifications to existing degree programs must incorporate coursework that fosters student development in each area.

- **Effective Communication**
  - Demonstrate English language fluency.
  - Utilize current communication technology.
  - Organize and present ideas effectively, both orally and in writing.

- **Critical Thinking**
  - Identify, analyze, and understand complex ideas.
  - Use information technology appropriately to locate, evaluate and apply research data.
  - Draw inferences from facts.
  - Evaluate and present well-reasoned arguments.

- **Quantitative and Scientific Reasoning**
  - Demonstrate an understanding of mathematical and scientific principles.
  - Apply these principles to the solution of problems in academic work and in everyday life.
  - Interpret numeric information presented in graphic form.
  - Apply scientific methods to the inquiry process.

- **Social Interaction**
  - Evaluate ethical dimensions of decisions.
  - Use teamwork to accomplish tasks in groups.
  - Demonstrate an understanding of global, cultural and historical perspectives.

GRADUATE OUTCOMES:

Through the collaboration of specialty courses and general education course the students will achieve or experience these abilities.

**Effective Communications**

- Demonstrate English language fluency.
- Use current Communications technology
  - COMI 1100 Introduction to Computers
  - EMER 1000 Fundamentals of Emergency Management
  - EMER 1020 Public Health Emergencies
  - EMER 1030 Disaster Response Operations and Management
  - EMER 1050 Disaster Training and Exercise Management
  - EMER 2020 Emergency Planning
  - EMER 2030 Professional Development in Emergency Management

- Organize and present ideas effectively, both orally and in writing
  - ENGL 2100 Technical Writing
  - SPCH 1100 Oral Communication
- EMER 1000  Fundamentals of Emergency Management
- EMER 1010  Understanding and Responding to Terrorism
- EMER 1020  Public Health Emergencies
- EMER 1030  Disaster Response Operations and Management
- EMER 1040  Managing the Psychological Impact of Terrorism and Disasters
- EMER 1050  Disaster Training and Exercise Management
- EMER 2010  Disaster Resource Management
- EMER 2020  Emergency Planning
- EMER 2030  Professional Development of Emergency Management
- EMER 2500  Practicum in Emergency Management

**Critical Thinking**

- **Identify, analyze, and understand complex ideas.**
  - EMER 1000  Fundamentals of Emergency Management
  - EMER 1010  Understanding and Responding to Terrorism
  - EMER 1020  Bioterrorism and Public Health Emergencies
  - EMER 1030  Disaster Response Operations and Management
  - EMER 1040  Managing the Psychological Impact of Terrorism and Disasters
  - EMER 1050  Disaster Training and Exercise Management
  - EMER 2010  Disaster Resource Management
  - EMER 2020  Emergency Planning
  - EMER 2030  Professional Development in Emergency Management
  - EMER 2500  Practicum in Emergency Management
• **Use information technology appropriately to locate, evaluate and apply research data.**
  
  o EMER 1000  Fundamentals of Emergency Management  
  o EMER 1020  Bioterrorism and Public Health Emergencies  
  o EMER 1030  Disaster Response Operations and Management  
  o EMER 2020  Emergency Planning  
  o EMER 2030  Professional Development in Emergency Management  
  o EMER 2500  Practicum in Emergency Management  
  o LAWS 1000  Introduction to Law Enforcement  

• **Draw inferences from facts.**
  
  o EMER 1000  Fundamentals of Emergency Management  
  o EMER 1020  Bioterrorism and Public Health Emergencies  
  o EMER 1030  Disaster Response Operations and Management  
  o EMER 1040  Managing the Psychological Impact of Terrorism and Disasters  
  o EMER 1050  Disaster Training and Exercise Management  
  o EMER 2010  Disaster Resource Management  
  o EMER 2030  Professional Development in Emergency Management  
  o EMER 2500  Practicum in Emergency Management  
  o LAWS 1000  Introduction to Law Enforcement  

• **Evaluate and present well-reasoned arguments.**
  
  o EMER 1010  Understanding and Responding to Terrorism  
  o EMER 1020  Bioterrorism and Public Health Emergencies  
  o EMER 1030  Disaster Response Operations and Management  
  o EMER 1040  Managing the Psychological Impact of Terrorism and Disasters
Quantitative and Scientific Reasoning

- **Demonstrate an understanding of mathematical and scientific principles.**
  - MTH 1400  Introduction to College Math
  - EMER 1000  Fundamentals of Emergency Management
  - EMER 1020  Bioterrorism and Public Health Emergencies
  - EMER 1030  Disaster Response Operations and Management
  - EMER 2020  Emergency Planning

- **Apply these principles to the solution of problems in academic work and in everyday life.**
  - EMER 1000  Fundamentals of Emergency Management
  - EMER 1020  Bioterrorism and Public Health Emergencies
  - EMER 2010  Emergency Planning

- **Interpret numeric information presented in graphic form.**
  - MTH 1400  Introduction to College Math
  - EMER 1020  Bioterrorism and Public Health Emergencies

- **Apply scientific methods to the inquiry process.**
  - CHEM 1000  Chemistry of Our Environment
  - CHEM 1060  Hazardous Materials
  - EMER 1000  Fundamentals of Emergency Management
Social Interaction

- **Evaluate ethical dimensions of decisions.**
  
  - PHIL 2030  Ethics
  - SOCS 1010  General Sociology
  - EMER 1000  Fundamentals of Emergency Management
  - EMER 1010  Understanding and Responding to Terrorism
  - EMER 1020  Bioterrorism and Public Health Emergencies
  - EMER 1030  Disaster Response Operations and Management
  - EMER 1040  Managing the Psychological Impact of Terrorism and Disasters
  - EMER 1050  Disaster Training and Exercise Management
  - EMER 2030  Professional Development of Emergency Management
  - LAWS 1000  Introduction to Law Enforcement

- **Use teamwork to accomplish tasks in groups.**
  
  - EMER 1000  Fundamentals of Emergency Management
  - EMER 1020  Bioterrorism and Public Health Emergencies
  - EMER 1030  Disaster Response Operations and Management
  - EMER 1050  Disaster Training and Exercise Management
  - EMER 2020  Disaster Resource Management
  - EMER 2500  Practicum in Emergency Management
  - LAWS 1000  Introduction to Law Enforcement
- Demonstrate an understanding of global, cultural and historical perspectives.
  
  - GEOL 1030  Natural Disasters
  - LAWS 1000  Introduction to Law Enforcement
  - EMER 1000  Fundamentals of Emergency Management
  - EMER 1010  Understanding and Responding to Terrorism
  - EMER 1020  Bioterrorism and Public Health Emergencies
  - EMER 1030  Disaster Response Operations and Management
  - EMER 1040  Managing the Psychological Impact of Terrorism and Disasters
  - EMER 1050  Disaster Training and Exercise Management
  - EMER 2010  Emergency Planning
  - EMER 2020  Disaster Resource Management
  - EMER 2030  Professional Development in Emergency Management

The method for evaluating these above competencies will be a combination of: Discussions, Exams, Tests and Quizzes, Papers, Case Studies, Group Projects, Presentations, visual evaluation, Labs and Experiments