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**

    o Demonstrate English language fluency.

    o Utilize current communication technology.

    o Organize and present ideas effectively, both orally and in writing.

- **Critical Thinking**

    o Identify, analyze, and understand complex ideas.

    o Use information technology appropriately to locate, evaluate and apply research data.

    o Draw inferences from facts.

    o Evaluate and present well-reasoned arguments.

- **Quantitative and Scientific Reasoning**

    o Demonstrate an understanding of mathematical and scientific principles.

    o Apply these principles to the solution of problems in academic work and in everyday life.

    o Interpret numeric information presented in graphic form.

    o Apply scientific methods to the inquiry process.

- **Social Interaction**

    o Evaluate ethical dimensions of decisions.

    o Use teamwork to accomplish tasks in groups.

    o 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.**

- ENGL 2100   Technical Writing

- SPCH 1100   Oral Communications

- EMER 1000   Fundamentals of Emergency Management

- EMER 1010   Understanding and Responding to Terrorism

- EMER 1020   Bioterrorism and Public Health Emergencies

- EMER 1030   Disaster Response and Operations 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 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.**

  - EMER 1000   Fundamentals of Emergency Management

  - EMER 1020   Bioterrorism and Public Health Emergencies

  - EMER 1030   Disaster Response Operations and Management

  - EMER 2020   Emergency Planning

  - EMER 2030   Professional Development in Emergency Management

  - EMER 2500   Practicum in Emergency Management

  - LAWS 1000   Introduction to Law Enforcement

- **Draw inferences from facts.**

  - EMER 1000   Fundamentals of Emergency Management

  - 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 2030   Professional Development in Emergency Management

  - EMER 2500   Practicum in Emergency Management

  - LAWS 1000   Introduction to Law Enforcement

- **Evaluate and present well-reasoned arguments.**

  - 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

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

- 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 2010   Emergency Planning

Social Interaction

- **Evaluate ethical dimensions of decisions.**

  - o PHIL 2030   Ethics

  - o SOCS 1010   General Sociology

  - o EMER 1000   Fundamentals of Emergency Management

  - 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

  - o EMER 1050   Disaster Training and Exercise Management

  - o EMER 2030   Professional Development of Emergency Management

  - o LAWS 1000   Introduction to Law Enforcement

- **Use teamwork to accomplish tasks in groups.**

  - 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 1050   Disaster Training and Exercise Management

  - o EMER 2020   Disaster Resource Management

  - o EMER 2500   Practicum in Emergency Management

  - o 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