Mission Statement:

The Emergency Management and Preparedness offers career programs and professional development opportunities in a hands-on experiential learning environment. A broad range of certificates and courses reflect trends of today’s employment market in Law Enforcement, Fire, EMS, Communications and Emergency Management and Planning. In all programs, students benefit from expert faculty instruction, the latest technology, the state-of-the-art Center for Emergency Preparedness, certification courses, and academies which prepare graduates to enter the workforce or advance professionally.

Vision:
• The Emergency Management and Preparedness program will be regarded as a leader in the community; having a world-class program supporting the college’s mission of providing accessible, high quality learning experiences that serve the community.

• MATC Emergency Management students will be well prepared to serve as an Incident Management Team.

• MATC Emergency Management students will be well prepared to provide a safe and effective response to a terrorist attack or any major incident.

• MATC Emergency Management students will be well trained in a solution focus team approach model to ensure that the use of all available resources is maximum when responding to an incident...

Programs:

• Community Emergency Response Teams (CERT) Training:

The Community Emergency Response Team (CERT) Program educates people about disaster preparedness for hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. Using the training learned in the classroom and during exercises, CERT members can assist others in their neighborhood or workplace following an event when professional responders are not immediately available to help. CERT members also are encouraged to support emergency response agencies by taking a more active role in emergency preparedness projects in their community.

• Multi Hazard Emergency Planning for Madison Area Technical College

The Madison Area Technical College Human Protective Service (Preparedness Program) is sponsoring a preparedness training project designed to increase the capacity of the colleges and schools to plan for and manage critical incidents. The college preparedness initiative addresses planning, response, recovery and mitigation using an all hazard approach. The course will help educators and first responders develop effective emergency operations plans for wide array of potential emergencies colleges face. The training emphasizes the need for colleges to collaborate and cooperate with local first responder agencies to develop college and community emergency operations plans that align with the National Incident Management Systems (NIMS) guidelines. This includes the use of a college-based Incident Command System organization structures for the management of all critical incidents.
• **3 D All Hazards Simulation Course**

**Course Overview**— This 3D simulation software, originally developed for the wildland fire community, now provides expanded capabilities to simulate a variety of all-hazard scenarios for training and exercise purposes. Development of this “interagency” cadre is part of a larger strategy to make this software available for use in state and local wild and structural fire planning, as well as other all hazard scenarios such as hazardous material events, flooding incidents, or aircraft crashes.

**Course Description** – This course is designed to familiarize the student with the software functionality and system requirements, as they; 1) utilize prepared scenario elements to learn how to manipulate and manage simulation imagery, 2) learn to import terrain data files from the web, and create landscapes with tailored vegetative and development features for “localized” scenarios.

**Course Objectives** – the student will:

- Be oriented to software specifications, and the simulation system features of managing separate instructor/student computer stations.
- Be provided coached practice of PC keyboard/mouse manipulation of the software features with packaged scenarios that employ all system capabilities.
- Be introduced to scenario editor components, and then practice scenario management.
- Learn to import terrain data files and create customized scenarios for local application.

Receive a copy of the software for use on return home