



Emergency Management

Program No: 10-540-1

Associate Degree in Applied Science

Degree Completion Time: Four Terms

In general, an academic year consists of two terms; however, degree completion time may vary based on student scheduling needs and class availability.

2008-2009

Catalog No.	Class Title	Credit(s)
Term 1		
10103158	Introduction to Microsoft Office	3.00
10540100	Fundamentals of Emergency Management	3.00
10540102	Introduction to Hazards	3.00
10804113	College Technical Mathematics 1A	3.00
10801195	Written Communication	3.00
10809198	Introduction to Psychology	3.00
	Total	18.00
Term 2		
10540104	Public Policy in Emergency Management	3.00
10540108	Hazard Mitigation	3.00
10540130	Integrated Emergency Mgmt Planning Syst I	3.00
10801196	Oral/Interpersonal Communication	3.00
10809196	Introduction to Sociology	3.00
10999992	Elective	2.00
	Total	17.00
Term 3		
10540134	Emergency Preparedness	3.00
10540140	Integrated Emergency Mgmt Planning Syst II	3.00
10540150	Disaster Sociology	3.00
10196191	Supervision	3.00
10806174	General Chemistry	4.00
	Total	16.00
Term 4		
10540114	Technical Applications in Emergency Management	3.00
10540144	Emergency Management Public Education	3.00
10540148	Contingency Planning for Business and Industry	3.00
10196103	Training for Organizations	3.00
10809195	Economics	3.00
10999992	Elective	2.00
	Total	17.00
	Program Total	68.00
Suggested Electives		
10531102	Emergency Medical Technician-Basic	4.00
10504100	Introduction to Criminal Justice	3.00
10529150	Hazardous Waste Site Worker	2.00
10503111	Tactical Operations and Disaster Planning	3.00
10529150	Hazardous Waste Site Worker	2.00
10503111	Tactical Operations and Disaster Planning	3.00
Note:	Program start dates vary; check with your counselor for details.	
	Curriculum and program acceptance requirements are subject to change.	

About the Career

Today in the United States, we spend tens of billions of dollars each year to rebuild communities after disaster—natural, technological, and intentional. Future prospects are sobering. Continued U.S. population growth, increased urbanization and concentration in hazard-prone coastal areas, accelerated deterioration of the urban infrastructure, and emerging but unknown new vulnerabilities posed by technological advances virtually guarantee that economic losses from natural hazards will continue to rise through the early part of the coming century. We need, now more than ever, a new generation of more professional, skilled, diverse, and better-educated “emergency managers,” emergency services personnel, public health workers, and others, in both the public and private sectors, in order to better face the challenges facing the nation.

Careers

- Director of Emergency Management
- Dispatcher/Clerk
- Emergency Preparedness Coordinator
- Emergency Preparedness Manager
- Emergency Preparedness Specialist
- Emergency Preparedness Supervisor
- Safety Manager
- Safety Officer
- SARA Planner

Admissions Steps

- Application
- Application Fee
- Entrance Assessment Scores
- Transcripts
- Program Advising Session

Program Goals

You'll learn to:

- Provide coordination with elected officials, departments, agencies, private sector, police, and fire jurisdictions.
- Coordinate mitigation activities.
- Write and coordinate emergency plans.
- Coordinate response and recovery activities.
- Develop a comprehensive exercise program.
- Manage grants, facilities, and equipment.
- Develop and deliver a comprehensive training program.
- Utilize management skills.

Other Program Benefits

This program was designed for the individual who seeks professional status and certification in the field of emergency management. The curriculum is designed to propel you beyond your LTC experience by including the completion requirements for outside agency certificates and programs. Upon successful completion, participants will:

- Satisfy many of the training requirements for all four levels (Awareness, Performance, Planning and Management, and Professional) of the Wisconsin Emergency Manager Certification Program.
- Fulfill many of the requirements for the certifications through the International Association of Emergency Managers (IAEM).
- Complete the basic National Incident Management System (NIMS) courses IS100, 200, 300, 400, 700, 800, which are now required for most outside agencies.

LTC is establishing articulation agreements with 4-year colleges to allow individuals who seek the next higher level of education to transfer many applicable courses completed with your LTC Emergency Management Associate Degree.

Special Note

Advanced standing for previous Emergency Management Institute (Department of Homeland Security) on-line and in-residence transcripts maybe considered (total credit awarded will be based on a portfolio submission).

Approximate Costs

- \$92 per credit (resident)
- \$563 per credit (out-of-state resident)
- Other fees vary by program (books, supplies, materials, tools, uniforms, health-related exams, etc.)

Entrance Assessment Scores

Assessment Areas	ACT	Accuplacer
Math	16	79
Read	16	74
Write	16	88

Transfer agreements are available with the following institutions:

Capella University
Lakeland College
Silver Lake College
UW-Stout

IMPORTANT: For more information on these agreements, visit gotoltc.edu/transfer.

10103158 Intro to Microsoft Office

...is a self-paced/hands-on course that introduces popular microcomputer applications such as Word, Excel and PowerPoint.

10196103 Training for Organizations

...applies the skills and tools necessary to implement the training cycle of assessment, design, implementation and evaluation. Each learner will develop and present a complete training project based upon adult learning theory and instructional design techniques.

10196191 Supervision

...allows the learner to apply the skills and tools necessary to perform the functions of a frontline leader. Students learn the application of strategies and transition to a contemporary supervisory role including day-to-day operations, controlling, staffing, leadership, problem-solving, team skills, motivation, and training.

COREQUISITE: *Microsoft Word skills or equivalent or 10103109 Pharmacy Word 2002-Intro*

10540100 Fundamentals of Emergency Management

...prepares the learner to describe emergency management functions at the local, state, and national levels; support system for the emergency management position; key characteristics of the professional emergency; requirements of the emergency manager during the four phases of an emergency; familiarity with the function of an emergency operations center; resource requirements and developing a system to maintain resources; and the importance of training, exercising, and fostering opportunities.

10540102 Introduction to Hazards

...prepares the learner to apply basic terms used to discuss hazardous materials; how hazardous materials affect people and the environment; roles of Federal, State, and local agencies; provisions of legislation; hazardous materials identification systems; intentional use of toxic industrial chemicals (TICs) as Weapons of Mass Destruction (WMD); locations in which TICs are commonly found; assess what communities can do to increase preparedness; and steps individuals take to protect themselves.

10540104 Public Policy in Emergency Management

...prepares the learner to examine the administrative role of the emergency manager; explain the operations planning system; investigate emergency management training and education programs; describe emergency management operations; differentiate federal, state and local mitigation programs; contrast long and short term recovery programs; create a plan for facilities and equipment used in comprehensive emergency management; and establish personal professional development goals for advancement.

10540108 Hazard Mitigation

...prepares the learner to analyze the steps of hazard mitigation; explain the importance of hazard mitigation in community planning; explain the phases of the hazard mitigation planning process; to list the main components of each phase of the local hazard mitigation planning process; to identify hazard mitigation measures that are applicable to a community's hazard risk assessments; and to identify and develop resources for hazard mitigation projects.

10540114 Technical Applications in Emergency Management

...prepares the learner to be able to gather, organize, and apply data systems for information gathering; use technology for managing and disseminating both internal and external information; explain warning and communications systems and crisis communications procedures. This course also introduces the learner to advanced applications of personal computers used in emergency management to include detailed analysis and application of current emergency management software.

10540130 Integrated Emergency Management Planning Systems 1

...prepares the learner to explain purpose and function of integrated emergency management; responsibilities of local, state, and federal agencies; pre-incident, incident and post-incident activities; mitigation, preparedness, response, and recovery; hazard analysis; components of an emergency operations plan; design and function of an emergency operation center (EOC); Incident Command System (ICS); explain the functions of an emergency management program; apply emergency management principles.

10540134 Emergency Preparedness

...prepares the learners to recognize differences in personal values; need for decision-making and problem solving skill; assess professional relationships in the emergency management setting; factors having an impact on decision-making; solutions for dealing with motivation issues, interpersonal, and group dynamics; using the seven-step model for problem solving; different leadership styles and their impact on behavior; stress management methods; legal issues common in emergency management.

10540140 Integrated Emergency Management Planning Systems 2

...prepares the learner to summarize four steps in the emergency planning process; how to collaborate with agencies; teambuilding principles; perform a hazard analysis; develop an Emergency Operations Plan (EOP); list the parts of a comprehensive EOP; develop methods for testing plans; perform plan maintenance; and devise implementing instructions. It also provides an overview of managerial responsibilities and multi-dimensional skills necessary to coordinate and control a disaster situation.

10540144 Emergency Management Public Education

...prepares learners to design, develop and communicate public safety education and programs; identify the need for disaster education programs; select target programs; develop strategies to affect hazard reduction; design and implement information and education programs on a variety of delivery platforms; and creating methods of evaluating program effectiveness, including practical skills training in individual, group and mass media communications, instructional skills, and evaluation techniques.

10540148 Contingency Planning - Business and Industry

...prepares the learner for the contingency planning process and to assist preparing the public, private, and corporate world to respond to and recover from a disaster. The student will develop a step-by-step approach to risk assessment, emergency planning, and response and recovery for entities of all sizes. Areas of study will include; conducting impact assessments, developing continuity and recovery plans, business recovery strategies, and testing and evaluation strategies.

10540150 Disaster Sociology

...prepares the learner to differentiate between various types of disasters and hazards; explain how communities and individuals should prepare for disasters; how survivors react to disasters; the physical and mental affect on emergency responders; how the media responds and how they can help or hinder total recovery from a disaster; explain how emergency planning and mitigation can help affect a disaster; and analyze contemporary terrorist weapons, response strategies and their limitations.

10801195 Written Communication

...teaches the writing process, which includes prewriting, drafting, revising, and editing. Through a variety of writing assignments, the student will analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Keyboarding skills are required for this course. It also develops critical reading and thinking skills through the analysis of a variety of written documents.

10801196 Oral/Interpersonal Comm

...provides students with the skills to develop speaking, verbal and nonverbal communication, and listening skills through individual speeches, group activities, and other projects.

10804106 Introduction to College Math

...is an introductory level course designed to review and develop fundamental concepts of arithmetic, algebra, geometry, and statistics. Emphasis will be placed on computational skills and applications of rational numbers; problem solving skills with ratios, proportions, and percent; basic principles and application of algebra, geometry, graphing, and statistics; measurement skills in U.S. Customary and Metric Systems; and the use of calculators as a tool.

PREREQUISITE: *Accuplacer Math minimum score of 79 or Equivalent*

10806134 General Chemistry

...covers the fundamentals of chemistry. Topics include the metric system, problem-solving, periodic relationships, chemical reactions, chemical equilibrium, properties of water; acids, bases, and salts; and gas laws.

PREREQUISITE: *10804196 College Tech Math 1A or 10804113 College Tech Math 1A or 10804109 Algebra Comp or 10804121 Technical Math 1 or 10804108 ModuMath Algebra or 10804195 College Tech Math 1 or 10804115 College Tech Math 1 or College Algebra equivalent*

10809195 Economics

...provides the participant with an overview of how a market-oriented economic system operates, and it surveys the factors which influence national economic policy. Basic concepts and analyses are illustrated by reference to a variety of contemporary problems and public policy issues. Concepts include scarcity, resources, alternative economic systems, growth, supply and demand, monetary and fiscal policy, inflation, unemployment and global economic issues.

10809196 Sociology - Intro

...introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions, including family, government, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues.

10809198 Intro to Psychology

...introduces students to a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings.