

EMERGENCY SERVICES MANAGEMENT

Associate in Applied Science (AAS)

Program Code: 10-503-3

our graduates
INDEMAND

2017/2018



MID-STATE
TECHNICAL COLLEGE

mstc.edu



EMERGENCY SERVICES MANAGEMENT



Mid-State's Emergency Services Management program will strengthen and advance the knowledge and skills needed for firefighters and paramedics to become supervisors. The program focuses on topics such as personnel management, risk management, OSHA, legal aspects, and community relations. Fire and EMS tracks are available to allow students an opportunity to pursue additional knowledge in their area of interest or career path. This program is online, thus the experiences will be different from a traditional course. Activities in class will strengthen collaboration, problem-solving, critical thinking, and research.

bachelor's degree opportunities

For more information, visit mstc.edu/transfer

Associate in Applied Science

Total Credits: 60

Salary information:
mstc.edu/programsalaries

Careers: Assistant Chief, Captain, Chief, Deputy Chief, EMS Supervisor, Fire Supervisor, Lieutenant, Municipal Fire Fighting and Prevention Supervisor, and Relief Officer

In general, there is growing demand for these careers. Example: Municipal Fire Fighting and Prevention Supervisor career has grown by 1% over the last two years and is expected to grow by 2% over the next 10 years. Currently 369 Municipal Fire Fighting and Prevention Supervisors are employed in the region (EMSI data within 100-mile radius of Wisconsin Rapids).

TRANSFER TO MID-STATE

You may be eligible to receive credit for prior knowledge and skills gained. This includes transfer credit for approved coursework from high schools and post-secondary institutions, credit for approved military or occupational experience/training, and credit by examination. Go to mstc.edu/transfer for more information.

approved transfer college credit

dual credit

credit by examination

credit for military or work experience

OTHER OPTIONS

RELATED PROGRAMS

Emergency Medical Technician, EMT Paramedic, Fire Protection Technician, and Paramedic Technician

For estimated tuition and fees, visit mstc.edu/programcosts.

PROGRAM OUTCOMES

Employers will expect you, as an Emergency Services Management graduate, to be able to:

- Demonstrate the professional responsibilities of a fire or emergency services manager.
- Demonstrate critical and creative thinking in the problem-solving process.
- Apply research and best practices in the fire or emergency services professions.
- Demonstrate the professional attributes necessary for a fire or emergency services manager to lead effectively.
- Apply the legal, ethical, and regulatory standards that relate to the fire or emergency services.

FUNCTIONAL ABILITIES

A list of specific physical, emotional, and mental tasks needed to function as a fire protection technician is available at mstc.edu/programs/emergency-services-management. Contact the disability services coordinator in the Student Services Office to receive assistance.

STUDENT HANDBOOK

Visit mstc.edu/studenthandbook to view Mid-State's student handbook, which contains information about admissions, enrollment, appeals processes, services for people with disabilities, financial aid, graduation, privacy, Mid-State's Student Code of Conduct, and technology.



SAMPLE FULL-TIME CURRICULUM OPTION

Term		16 credits
10503102	Intro to Emergency Services	5
10503121	Emergency Services Safety and Survival	2
10503143	Building Construction for Fire Protection -or-	
10531170	Intro to Evidence-Based EMS	3
10546100	Essential Concepts for Health and Wellness	3
10801136	English Composition 1 -or-	
10801195	Written Communication	3

Term		16 credits
10503122	Principles of Emergency Services Administration	4
10503123	Occupational Safety and Health for Emergency Services	3
10503195	Fire Behavior & Combustion -or-	
10531171	EMS Leadership Challenges	3
10804107	College Mathematics	3
10809166	Intro to Ethics: Theory & Application	3

Term		15 credits
10503124	Emergency Services Instructor	3
10503125	Personnel Management for Emergency Services	3
10503126	Legal Aspects of Emergency Services	3
10503127	Community Risk Reduction	3
10809198	Intro to Psychology	3

Term		13 credits
10503128	Public Information and Community Relations	3
10503156	Strategies, Tactics, & Incident Management -or-	
10531172	Supervision of EMS Special Operations	4
10801197	Technical Reporting	3
10809122	Intro to American Government -or-	
10809172	Introduction to Diversity Studies -or-	
10809196	Intro to Sociology	3

Total credits 60

Please Note:

- This curriculum sequence is only for student planning. Actual student schedules will vary depending on course availability.
- Program completion time may vary based on student scheduling and course availability. **For details, go to mstc.edu/classfinder.**

SAMPLE PART-TIME CURRICULUM OPTION

Term		11 credits
10503102	Intro to Emergency Services	5
10503143	Building Construction for Fire Protection -or-	
10531170	Intro to Evidence-Based EMS	3
10801136	English Composition 1 -or-	
10801195	Written Communication	3

Term		7 credits
10503122	Principles of Emergency Services Administration	4
10503195	Fire Behavior & Combustion -or-	
10531171	EMS Leadership Challenges	3

Term		5 credits
10503121	Emergency Services Safety and Survival	2
10546100	Essential Concepts for Health and Wellness	3

Term		9 credits
10503123	Occupational Safety and Health for Emergency Services	3
10804107	College Mathematics	3
10809166	Intro to Ethics: Theory & Application	3

Term		9 credits
10503124	Emergency Services Instructor	3
10503125	Personnel Management for Emergency Services	3
10809198	Intro to Psychology	3

Term		7 credits
10503156	Strategies, Tactics, & Incident Management -or-	
10531172	Supervision of EMS Special Operations	4
10801197	Technical Reporting	3

Term		6 credits
10503126	Legal Aspects of Emergency Services	3
10503127	Community Risk Reduction	3

Term		6 credits
10503128	Public Information and Community Relations	3
10809122	Intro to American Government -or-	
10809172	Introduction to Diversity Studies -or-	
10809196	Intro to Sociology	3

Total credits 60

Building Construction for Fire Protection

10503143..... 3 credits

Provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, pre-planning fire operations, and operating at emergencies.

Prerequisite: Admission to Fire Protection Technician Program 105032 or Emergency Services Management Program 105035

College Mathematics

10804107 3 credits

Designed to review and develop fundamental concepts of mathematics pertinent to the areas of: 1) arithmetic and algebra; 2) geometry and trigonometry; and 3) probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators. Topics include performing arithmetic operations and simplifying algebraic expressions, solving linear equations and inequalities in one variable, solving proportions and incorporating percent applications, manipulating formulas, solving and graphing systems of linear equations and inequalities in two variables, finding areas and volumes of geometric figures, applying similar and congruent triangles, converting measurements within and between US and metric systems, applying Pythagorean Theorem, solving right and oblique triangles, calculating probabilities, organizing data and interpreting charts, calculating central and spread measures, and summarizing and analyzing data.

Prerequisite: Minimum Accuplacer scores - Arithmetic 65, Algebra 30; or Pre-Algebra 10834109 with a grade of "C" or better

Community Risk Reduction

10503127..... 3 credits

Prepares the student to understand the assessment of community risk, the analysis of risk, risk communication, risk problem-solving, and mitigation efforts.

Prerequisite: Intro to Emergency Services 10503102

Emergency Services Instructor

10503124..... 3 credits

Introduces the emergency services professional to the education system as it relates to fire and EMS education. Students explore issues in curriculum development, teaching, program direction, and development.

Prerequisite: Intro to Emergency Services 10503102

Emergency Services Safety and Survival

10503121 2 credits

Broadens the scope of the national firefighter life safety initiatives and emphasizes their importance at the supervisory and managerial levels. The life safety initiatives are examined from firefighter and EMS provider perspectives.

Prerequisite: Admission to Emergency Services Management Program 105035

EMS Leadership Challenges

10531171..... 3 credits

Explores the unique challenges that face EMS leaders in today's environment. Emphasizes key issues such as recruitment, retention, education, and mental health.

English Composition 1

10801136 3 credits

Designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing, and revising are applied through a variety of activities. Students analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals develop critical reading skills through analysis of various written documents.

Prerequisite: Accuplacer Sentence Skills score of 85 or equivalent, or Intro to College Writing 10831103 with a grade of "C" or better. Proficiency in word processing skills recommended.

Essential Concepts for Health and Wellness

10546100 3 credits

An introductory course focusing on basic health and wellness promotion principles at the individual level. Basic principles include physical, mental, and spiritual. Students explore a holistic view of health and wellness concepts covering healthy lifestyle choices, managing stress, individual wellness perspective and how economics can positively and negatively impact the health and wellness of an individual.

Prerequisite: Admission to Health and Wellness Promotion program 105462 and minimum Accuplacer scores - Reading 55, Sentence Skills 60, Arithmetic 34

Fire Behavior & Combustion

10503195..... 3 credits

Explores the theories and fundamentals of how and why fires start, spread, and are controlled.

Prerequisite: Building Construction for Fire Protection 10503143 or Intro to Emergency Services 10503102

Intro to American Government

10809122..... 3 credits

Introduces American political processes and institutions. Focuses on rights and responsibilities of citizens and the process of participatory democracy. Learners examine the complexity of the separation of powers and checks and balances. Explores the role of the media, interest groups, political parties, and public opinion in the political process. Also explores the role of state and national government in our federal system. A student scoring between 55-80 on their Accuplacer Reading Comprehension, or 60-80 on Accuplacer Sentence Skills is recommended to co-enroll in the Introduction to College Reading course and/or Introduction to College Writing course, respectively.

Prerequisite: Minimum Accuplacer scores - Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of C or better and Intro to College Writing 10831103 with a grade of C or better

Intro to Emergency Services

10503102 5 credits

This course is fulfilled only through credit transfer or credit for prior learning. In order to receive this credit, the student must possess either Wisconsin Firefighter 1 certification (or out-of-state equivalent) or certification as an emergency medical technician or higher.

Prerequisite: Admission to Emergency Services Management program 105035

Intro to Ethics: Theory & Application

10809166 3 credits

Provides a basic understanding of the theoretical foundations of ethical thought. Diverse ethical perspectives are used to analyze and compare relevant issues. Students critically evaluate individual, social, and/or professional standards of behavior, and apply a systemic decision-making process to these situations. A student scoring between 55–80 on Accuplacer Reading Comprehension or 60–80 on Accuplacer Sentence Skills is recommended to co-enroll in the Introduction to College Reading course and/or Introduction to College Writing course, respectively.

Prerequisite: Minimum Accuplacer Scores – Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better

Intro to Evidence-Based EMS

10531170 3 credits

Examines evidence-based medicine and its application to EMS operations. Topics of study include airway management, cardiac resuscitation, prehospital ultrasound, dispatch policies, and others.

Intro to Psychology

10809198 3 credits

This introductory course surveys 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. A student scoring between 55–80 on Accuplacer Reading Comprehension is recommended to co-enroll in the Introduction to College Reading course.

Prerequisite: Minimum Accuplacer scores – Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better

Intro to Sociology

10809196 3 credits

Introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions of family, politics, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, and social organization. A student scoring between 55–80 on Accuplacer Reading Comprehension or 60–80 on Accuplacer Sentence Skills is recommended to co-enroll in Introduction to College Reading and/or Introduction to College Writing, respectively.

Prerequisite: Minimum Accuplacer scores – Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better

Introduction to Diversity Studies

10809172 3 credits

Introduces learners to the study of diversity from a local to a global environment using a holistic, interdisciplinary approach. Encourages self-exploration and prepares the learner to work in a diverse environment. In addition to an analysis of majority/minority relations in a multicultural context, the primary topics of race, ethnicity, age, gender, class, sexual orientation, disability, and religion are explored. A student scoring between 55–80 on Accuplacer Reading Comprehension or 60–80 on Accuplacer Sentence Skills is recommended to co-enroll in the Introduction to College Reading course and/or Introduction to College Writing course, respectively.

Prerequisite: Minimum Accuplacer scores – Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better

Legal Aspects of Emergency Services

10503126 3 credits

Addresses the federal, state, and local laws that regulate emergency services and includes a review of national standards, regulations, and consensus standards.

Prerequisite: Intro to Emergency Services 10503102

Occupational Safety and Health for Emergency Services

10503123 3 credits

Introduces the basic concepts of occupational health and safety as it relates to emergency services organizations. Topics include risk and hazard evaluation and control procedures for emergency service organizations.

Prerequisite: Intro to Emergency Services 10503102

Personnel Management for Emergency Services

10503125 3 credits

Examines personnel administration and the development of human resources. Topics of study include personnel management, organizational development, productivity, recruitment and selection, performance management systems, discipline, and collective bargaining.

Prerequisite: Intro to Emergency Services 10503102

**Principles of Emergency Services Administration
10503122..... 4 credits**

Demonstrates the importance of the following skills necessary to manage and lead a fire and emergency services department through the challenges and changes of the 21st century: persuasion and influence, accountable budgeting, anticipation of challenges and the need for change, and using specific management tools for analyzing and solving problems.

Prerequisite: Intro to Emergency Services 10503102

**Public Information and Community Relations
10503128..... 3 credits**

Introduces the emergency services professional to the benefits of community information and community relations. Students explore issues in marketing, developing the message, identifying the audience, developing programs, and creating press releases.

Prerequisite: Intro to Emergency Services 10503102

**Strategies, Tactics, & Incident Management
10503156..... 4 credits**

Provides the principles of fire ground control through use of personnel, equipment, and extinguishing agents.

Prerequisite: Firefighting Principles 10503142 or Intro to Emergency Services 10503102

**Supervision of EMS Special Operations
10531172 4 credits**

Explores the supervisor's role in special EMS operations, such as triage, mass casualty incidents, rehabilitation, and operating in tactical environments.

**Technical Reporting
10801197 3 credits**

The student prepares and presents oral and written technical reports. Types of reports may include lab and field reports, proposals, technical letters and memos, technical research reports, and case studies. Designed as an advanced communication course for students who have completed at least the prerequisite introductory writing course.

Prerequisite: Written Communication 10801195 with a grade of "C" or better, or English Composition I 10801136 with a grade of "C" or better. Proficiency in word processing skills recommended.

**Written Communication
10801195 3 credits**

Develops writing skills, which include prewriting, drafting, revising, and editing. A variety of writing assignments is designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Also develops critical reading and thinking skills through analysis of a variety of written documents.

Prerequisite: Accuplacer Sentence Skills score of 85 or equivalent, or Intro to College Writing 10831103 with a grade of "C" or better. Proficiency in word processing skills recommended.

ADAMS COUNTY CENTER

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