



# EMERGENCY SERVICES MANAGEMENT

## Associate in Applied Science (AAS) Program Code: 10-503-5 Total Credits: 60

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.

**Estimated tuition and fees:** [mstc.edu/programcosts](http://mstc.edu/programcosts)

### ACADEMIC ADVISOR

To schedule an appointment with an academic advisor, call 715.422.5300. Academic advisors will travel to other campuses as necessary to accommodate student needs. For more information about advising, visit [mstc.edu/advising](http://mstc.edu/advising).

### CHECKLIST:

This section will be completed when meeting with your academic advisor.

- FAFSA ([www.fafsa.gov](http://www.fafsa.gov))
- Financial Aid Form(s)  
Form(s): \_\_\_\_\_
- Follow-Up Appointment:  
Where: \_\_\_\_\_  
When: \_\_\_\_\_  
With: \_\_\_\_\_
- Official Transcripts  
Mid-State Technical College  
Student Services Assistant  
1001 Centerpoint Drive  
Stevens Point, WI 54481
- Other: \_\_\_\_\_  
\_\_\_\_\_



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**ADAMS CAMPUS**  
401 North Main  
Adams, WI 53910

**MARSHFIELD CAMPUS**  
2600 West 5th Street  
Marshfield, WI 54449

**STEVENS POINT CAMPUS**  
1001 Centerpoint Drive  
Stevens Point, WI 54481

**WISCONSIN RAPIDS CAMPUS**  
500 32nd Street North  
Wisconsin Rapids, WI 54494

# CAREER PATHWAY • BEGIN AT ANY POINT

HIGH SCHOOL STUDENT

COLLEGE TRANSFER

RETURNING ADULT

## CREDIT FOR PRIOR LEARNING AND EXPERIENCE

### CREDIT FOR PRIOR LEARNING AND EXPERIENCE

- Certifications and Licenses
- High School Credit
- Military Experience
- National/Standardized Exams
- Transfer Credit
- Work and Life Experience

Learn about Credit for Prior Learning at [mstc.edu/cpl](https://mstc.edu/cpl).

## ASSOCIATE IN APPLIED SCIENCE (AAS)

### EMERGENCY SERVICES MANAGEMENT

Associate in Applied Science (AAS) • 60 Credits

#### Start Your Career

- Assistant Chief
- Captain/Lieutenant
- EMS Supervisor

## BACHELOR'S DEGREE

### BACHELOR'S DEGREE OPTIONS

American Public University System, Arizona State University, Bellevue University, Colorado State University Global, Concordia University, Franklin University, Grand Canyon University (GCU), Lakeland University, Milwaukee School of Engineering (MSOE), Mount Mary University (MMU), Northern Michigan University, Southern Illinois University, University of Maryland Global, University of Phoenix, UW-Green Bay, UW-Oshkosh, UW-Stevens Point, UW-Stevens Point at Marshfield, UW-Stout, UW-Whitewater, Western Governors University, and Wisconsin Private-Nonprofit Universities/Colleges.

For more information and additional opportunities, visit [mstc.edu/transfer](https://mstc.edu/transfer).

## OTHER OPTIONS

### RELATED PROGRAMS

- Advanced Emergency Medical Technician
- Criminal Justice-Corrections & Community Advocacy
- Criminal Justice-Law Enforcement 720 Academy
- Criminal Justice-Studies
- Emergency Medical Technician
- EMT-Paramedic
- Fire Service Certification
- Paramedic Technician

## 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.

## TECHNICAL SKILLS ATTAINMENT

The Wisconsin Technical College System (WTCS) has implemented a requirement that all technical colleges measure outcomes attained by students. This requirement is called Technical Skills Attainment (TSA). The main objective of TSA is to ensure graduates have the technical skills needed by employers. Students are notified of TSA reporting in their final few courses of the program.

## TECHNICAL STANDARDS

A list of specific physical, emotional, and mental tasks needed to function in emergency services management is available at [mstc.edu/programs/emergency-services-management](http://mstc.edu/programs/emergency-services-management). Contact the Disability Services coordinator in the Student Services & Information Center to receive assistance.

## PROGRAM PROGRESSION

Students must receive a grade of “C” or better in each of the technical and general education courses in order to qualify for graduation.

## STUDENT HANDBOOK

Visit [mstc.edu/studenthandbook](http://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.

## GRADUATION REQUIREMENT

The GPS for Student Success course is required for all Mid-State program students and is recommended to be completed before obtaining 12 credits. (Not counted in the total credit value for this program.) Some students are exempt from this requirement. Please see your program advisor for more information.

### GPS for Student Success

**10890102 ..... 1 credit**

Integrate necessary skills for student success by developing an academic plan, identifying interpersonal attributes for success, adopting efficient and effective learning strategies, and utilizing Mid-State resources, policies, and processes. This course is recommended to be completed prior to obtaining 12 credits and is a graduation requirement unless you receive an exemption from your program advisor.

## ADDITIONAL COURSES AS NEEDED

The following courses may be recommended or required if the student does not achieve minimum Accuplacer scores.

### College Reading and Writing 1

**10831104 ..... 3 credits**

Provides learners with opportunities to develop and expand reading and writing skills to prepare for college-level academic work. Students will employ critical reading strategies to improve comprehension, analysis, and retention of texts. Students will apply the writing process to produce well-developed, coherent, and unified written work.

### Pre-Algebra

**10834109 ..... 3 credits**

Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra-related courses.

## SAMPLE FULL-TIME CURRICULUM OPTION

Term		16 credits
10503123	Occupational Safety and Health for Emergency Services	3
10503121	Emergency Services Safety and Survival	2
10503143	Building Construction for Fire Protection <b>-or-</b>	
10531170	Intro to Evidence-Based EMS	3
10546100	Essential Concepts for Health and Wellness	3
10546112	Mental Wellness for Emergency Services	2
10801136	English Composition 1 ☑	3

Term		16 credits
10503122	Principles of Emergency Services Administration ☑	4
10196135	Conflict Resolution	3
10503195	Fire Behavior & Combustion <b>-or-</b>	
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 ☑	4
10801196	Oral/Interpersonal Communication ☑ <b>-or-</b>	
10801198	Speech ☑	3
10809172	Introduction to Diversity Studies ☑ <b>-or-</b>	
10809122	Intro to American Government ☑ <b>-or-</b>	
10809196	Intro to Sociology ☑	3

**Total credits 60**

☑ This course has options available to receive credit for prior learning (CPL) or work experience. Visit the website at [mstc.edu/cpl](http://mstc.edu/cpl) or contact your advisor for details.

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/schedule](http://mstc.edu/schedule).

## SAMPLE PART-TIME CURRICULUM OPTION

Term		10 credits
10503123	Occupational Safety and Health for Emergency Services	3
10503121	Emergency Services Safety and Survival	2
10503143	Building Construction for Fire Protection <b>-or-</b>	
10531170	Intro to Evidence-Based EMS	3
10546112	Mental Wellness for Emergency Services	2

Term		9 credits
10196135	Conflict Resolution	3
10503195	Fire Behavior & Combustion <b>-or-</b>	
10531171	EMS Leadership Challenges	3
10809166	Intro to Ethics: Theory & Application ☑	3

Term		6 credits
10546100	Essential Concepts for Health and Wellness	3
10801136	English Composition 1 ☑	3

Term		7 credits
10503122	Principles of Emergency Services Administration ☑	4
10804107	College Mathematics ☑	3

Term		9 credits
10503126	Legal Aspects of Emergency Services	3
10503127	Community Risk Reduction	3
10809198	Intro to Psychology ☑	3

Term		7 credits
10503156	Strategies, Tactics, & Incident Management ☑	4
10801196	Oral/Interpersonal Communication ☑ <b>-or-</b>	
10801198	Speech ☑	3

Term		6 credits
10503124	Emergency Services Instructor ☑	3
10503125	Personnel Management for Emergency Services	3

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

**Total credits 60**

## MULTIPLE MEASURES

**Multiple Measures Writing (MMW):** High school GPA of 2.6 and successful completion of 2.0 credits of high school writing courses with a "C" or better

**Multiple Measures Math 1 (MMM\_1):** High school GPA of 2.6 and successful completion of 1.0 credits of high school math (Algebra 1 or equivalent) with a "C" or better

**Multiple Measures Science 1 (MMS\_1):** High school GPA of 2.6 and successful completion of 1.0 credits of high school lab science course with a "C" or better

**Multiple Measures Reading (MMR):** High school GPA of 2.6 and successful completion of 2.0 credits of high school literature courses with a "C" or better

**Multiple Measures Math 2 (MMM\_2):** High school GPA of 2.6 and successful completion of 2.0 credits of high school math including Algebra 1 and Algebra 2 with a "C" or better

**Multiple Measures Science 2 (MMS\_2):** High school GPA of 2.6 and successful completion of 1.0 credits of high school chemistry with a "C" or better

*Past high school and college transcripts are used in making course placement decisions.*

# COURSE DESCRIPTIONS

## **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 Service Certification program 305032 or Emergency Services Management program 105035*

## **College Mathematics ☑**

**10804107 .....3 credits**

This course is designed to review and develop fundamental concepts of mathematics in the areas of algebra, geometry, trigonometry, measurement and data. Algebra topics emphasize simplifying algebraic expressions, solving linear equations and inequalities with one variable, solving proportions and percent applications. Geometry and trigonometry topics include; finding areas and volumes of geometric figures, applying similar and congruent triangles, applying Pythagorean Theorem, and solving right triangles using trigonometric ratios. Measurement topics emphasize the application of measurement concepts and conversion techniques within and between U.S. customary and metric system to solve problems. Data topics emphasize data organization and summarization skills, including: frequency distributions, central tendency, relative position and measures of dispersion. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators.

*Prerequisite: High School GPA of 2.6 and MMM\_1 or Accuplacer Arithmetic of 250 and QAS 234 or ACT Math score of 17 or Pre-Algebra 10834109 with a "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*

## **Conflict Resolution**

**10196135.....3 credits**

Students will apply different conflict resolution techniques that can be used by a manager or leader within an organization given real-world scenarios. Students will also evaluate the importance of consultation, team building, trust, and win-win outcomes from a managerial standpoint in the resolution of organizational conflict.

## **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: Intro to Emergency Services 10503102*

## **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**

Learners develop and apply skills in all aspects of the writing process. Through a variety of learning activities and written documents, learners employ rhetorical strategies, plan, organize and revise content, apply critical reading strategies, locate and evaluate information, integrate and document sources, and apply standardized English language conventions.

*Prerequisite: High School GPA of 2.6 and MMW or Accuplacer Writing of 262 or ACT English score of 20 or completion of College Reading and Writing 1 10831104 with a "C" or better*

## **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.

## **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.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

# COURSE DESCRIPTIONS

## **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.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **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 science of psychology course is a survey of multiple aspects of behavior and mental processes. It provides an overview of topics such as research methods, theoretical perspectives, learning, cognition, memory, motivation, emotions, personality, abnormal psychology, physiological factors, social influences, and development.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **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, social organization, and workplace issues.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **Introduction to Diversity Studies** ☑

**10809172**.....**3 credits**

Learners develop and apply skills in all aspects of the writing process. Through a variety of learning activities and written documents, learners employ rhetorical strategies, plan, organize and revise content, apply critical reading strategies, locate and evaluate information, integrate and document sources, and apply standardized English language conventions.

*Prerequisite: High School GPA of 2.6 and MMW or Accuplacer Writing of 262 or ACT English score of 20 or completion of College Reading and Writing 1 10831104 with a "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*

## **Mental Wellness for Emergency Services**

**10546112** .....**2 credits**

Learners in this course will examine the issues that affect employees' mental health. They will study important concepts, such as recognizing mental health issues, improving work/life balance, creating a healthy work culture, and the managers' role in supporting the mental health of their staff.

## **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*

## **Oral/Interpersonal Communication** ☑

**10801196** .....**3 credits**

Focuses on developing effective listening techniques and verbal and nonverbal communication skills through oral presentation, group activity, and other projects. The study of self, conflict, and cultural contexts will be explored, as well as their impact on communication.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **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*

# COURSE DESCRIPTIONS

## **Speech ☒**

**10801198 .....3 credits**

Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of this course. Includes informative, persuasive, and occasion speech presentations.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 253 and Writing of 262 or ACT of 21 Reading/19 English or completion of College Reading and Writing 1 10831104 with a "C" or better*

## **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*