

EMERGENCY MANAGEMENT PROFESSIONAL, AAS

Program Code: AAS.EMP

Help build a culture of preparedness and ready communities for catastrophic disasters with the Emergency Management Professional (EMP) AAS at CCC. This program is ideal for incumbent workers looking to benchmark their experience while engaging in meaningful learning opportunities. The degree is also designed to provide the foundational skills to enter the field of homeland security and emergency management.

The EMP AAS guides students to understanding the interactions between the evolving social, built, and physical environments that are creating greater risk complexities. Through a diverse curriculum, students will identify what foundations are needed for emergency management professionals to address evolving risks.

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Outcomes

Related Instruction Outcomes

Computation

- 4 credits - See [Related Instruction](#) for course list
- Use appropriate mathematics to solve problems

Communication

- 1 course - WR-227 Technical Report Writing
- Read actively, think critically, and write purposefully and capably for professional audiences

Human Relations

- 1 course - COMM-218 Interpersonal Communication
- Engage in ethical communication processes that accomplish goals

Physical Education/Health/Safety/First Aid

- 1 credit - See [Related Instruction](#) for course list
- Use effective life skills to improve and maintain mental and physical wellbeing

Program Outcomes

Upon successful completion of this program, students should be able to:

- demonstrate critical thinking to identify and reduce disaster risk through a proactive, anticipatory and innovative approach for guiding public policy and the application of homeland security and emergency management framework and principles;
- identify the social determinants of risk, as both the risks for and the effects of disasters are socially produced;
- demonstrate knowledge in scientific processes, geographic configurations, social-cultural issues and interdependent relationships as they pertain to emergency management;
- explain communication and facilitation modes including evolving technologies and methods for disaster risk awareness, assessment, measurement and reduction for a broad spectrum of stakeholders;

- identify civic and legal processes, ethical considerations, policies and politics important in Emergency Management;
- develop an individual learning development plan.

Requirements

Course	Title	Credits
First Year		
Fall Term		
EMP-201	Introduction to Homeland Security and Emergency Management	4
EMP-202	Threat and Hazard Assessment for Emergency Management Professionals	3
EMP-204	Foundations of Emergency Planning	4
Computation requirement		4
Credits		15
Winter Term		
EMP-206	Hazard Mitigation	3
EMP-208	Disaster Response and Recovery	4
EMP-222	Terrorism Awareness and Response	2
EMP-224	Science of Disasters	2
COMM-218	Interpersonal Communication	4
Credits		15
Spring Term		
EMP-210	Developing and Managing Volunteer Resources	4
EMP-212	Public Health and Medical Emergency Management	3
EMP-214	Technology in Emergency Management	4
EMP-216	Emergency Management Laws and Ethics	2
Elective (100 level or above) ¹		2-4
Credits		15-17
Second Year		
Fall Term		
EMP-218	Public Information Officer and External Affairs	2
GIS-101	Principles of Geospatial Technology	2
WR-227	Technical Report Writing	4
Focus Area Courses (p. 2)		7
Credits		15
Winter Term		
EMP-220	Introduction to Emergency Management Public Administration and Policy	2
COMM-140	Introduction to Intercultural Communication	4
Focus Area Courses (p. 2)		9
Credits		15
Spring Term		
EMP-226	Business Continuity Fundamentals	4
PE/Health/Safety/First Aid requirement		1
Focus Area Courses (p. 2)		10
Credits		15
Total Credits		90-92

¹ Students who have not satisfied WR-121 English Composition or equivalent should take it in spring term.

Focus Areas

Complete all courses from one of the following Focus Areas

Wildland Fire

Code	Title	Credits
FRP-130	Introduction to Wildland Firefighting (S-130/S-190/ICS-100/IS-700/L-180)	2
FRP-200	Basic Incident Command System (I-100, I-200, IS-700, IS-800)	4
FRP-265	Wildland Fire Prevention Education 1 (P-101)	3
FRP-275	Wildland Fire Management 1	4
FRP-294	Intermediate Incident Command System (I-300)	2
Any CJA, EMP, EMT, FRP, GIS, HS, or SAR course		11

Emergency Medical Technician

Code	Title	Credits
BI-231	Human Anatomy & Physiology I	4
EMT-101	Emergency Medical Technician Part I	6
EMT-102	Emergency Medical Technician Part II	6
EMT-105	Introduction to Emergency Medical Services	3
EMT-109	Emergency Response Communication/Documentation	2
MA-110	Medical Terminology	4
Any CJA, EMP, EMT, FRP, GIS, HS, or SAR course		1

Management

Code	Title	Credits
BA-120	Project Management Fundamentals	4
BA-123	Leadership & Motivation	3
BA-223	Principles of Marketing	4
BA-224	Human Resource Management	4
BA-251	Supervisory Management	3
EC-200	Introduction to Economics	4
PSY-101	Human Relations	3
Any CJA, EMP, EMT, FRP, GIS, HS, or SAR course		1

Fire Service Administration

Code	Title	Credits
FRP-200	Basic Incident Command System (I-100, I-200, IS-700, IS-800)	4
FST-202	Principles of Emergency Services	3
FST-204	Fire Protection Systems	3
FST-206	Fire Behavior and Combustion	3
FST-212	Fire Prevention	3
FST-214	Building Construction for Fire Protection	3
FST-216	Principles of Fire and Emergency Services Safety and Survival	3
Any CJA, EMP, EMT, FRP, GIS, HS, or SAR course		4

Geographic Information Systems (GIS)

Code	Title	Credits
BA-120	Project Management Fundamentals	4
GIS-101	Principles of Geospatial Technology	2
GIS-201	Introduction to Geographic Information Systems	3
GIS-202	Intermediate Geographic Information Systems	3
GIS-205	Cartography and Map Making	3
GIS-232	Data Collection & Application	2
GIS-238	GIS Web Mapping and Services	2
GEO-100	Introduction to Physical Geography	4
Any CJA, EMP, EMT, FRP, GIS, HS, or SAR course		3

Criminal Justice

Code	Title	Credits
CJA-101	Criminology	4
CJA-110	Introduction to Law Enforcement	3
CJA-122	Criminal Law	4
PSY-110	Psychology: An Overview	4
PSY-219	Introduction to Abnormal Psychology	4
SOC-204	Introduction to Sociology	4
Any CJA, EMP, EMT, FRP, GIS, HS, or SAR course		3

Careers

Career opportunities include:

- emergency management directors
- emergency management coordinators
- emergency management specialists