

RED ROCKS COMMUNITY COLLEGE

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RED
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*Where Learning
Is For Life*

Emergency Management and Planning

Degree: Associate of Applied Science Degree

Certificate: 30 Credits

Completion of this curriculum prepares individuals for:

- Entry into a career of Emergency Management Planning or related field.
- Promotion within Emergency Management or Preparedness divisions in Public and Private work places.
- Advancement to a four-year college in pursuit of a Bachelor of Science degree in Emergency Management or Public Administration.

The Emergency Management and Planning Program is designed to serve as the focal point for the development and delivery of emergency management training to enhance the capabilities of federal, state and local government officials; volunteer organizations; and the private sector to minimize the impact of disasters on the American public.

This program offers a number of training activities that develop operational capabilities and facilitate an effective response in the event of an emergency.

This program provides a degree option and enhanced employment opportunities for those in the program. Emergency management, preparedness, mitigation and planning are very vital professions in government, private industry and emergency response agencies. Strong emphasis is placed on prevention, public education and planning.

Prior to enrollment, if you are not presently working in Emergency Management, you are required to take assessment tests which will be administered in the Learning Development Center. The emergency management instructor, upon consultation with assessment staff, evaluates test results in order to assist you with proper placement in their course of study in emergency management. *If you are an advanced student you are expected to substitute advanced courses for introductory courses.*

Associate of Applied Science Degree

Required Major Courses			Credits
EMP	101	Introduction to Emergency Management	3
EMP	105	Emergency Planning	3
EMP	106	Exercise Design	1-½
EMP	107	Computer Systems & Information	3
EMP	108	Mass Casualty	1
EMP	109	Community Emergency Response Teams and Incident Command	3
EMP	110	Exercise Evaluation	1-½
EMP	200	Hazard Mitigation Planning	3
EMP	240*	Leadership and Influence	1
EMP	241*	Decision Making and Problem Solving	1
EMP	242*	Effective Communications	1
EMP	244	Developing Volunteer Resources	1
ENV	101	Introduction to Environmental Science	3
FST	107	Hazardous Materials Awareness & Operations	3
FST	201	Instructional Methodology (<i>Instructor 1</i>)	3
			<u>30</u>

General Education Requirements			Credits
ENG	131	Technical Writing	3
GEY	235	GIS—Geographical Information Systems	4
MAT	135	Introduction to Statistics	3
PSY	101	General Psychology or three 1 credit hour PSY courses	3
SOC	101	Introduction to Sociology	3
			<u>16-17</u>

Electives			Credits
EMP	280	Public Policy in Emergency Management	1
EMP	291	Introduction to Public Information	2
EMP	292	Radiological Fundamentals (<i>FCRRT</i>)	2
EMP	297	Cooperative Education (<i>Internship</i>)	1-6
EMP	299	Independent Study	3
FST	255	Fire Service Management	3
MAN	116	Principles of Supervision	3
MAN	226	Principles of Management	3
SPE	125	Interpersonal Communications	3
			<u>14-18</u>

Electives must be selected from college-level transfer course. No more than three credits in physical education may be counted.

Total Required Credits 60

**Other approved courses may be substituted with counselor approval.*

Emergency Management and Planning Certificate

EMP	101	Introduction to Emergency Management	3
EMP	105	Emergency Planning	3
EMP	106	Exercise Design	1-½
EMP	109	Community Emergency Response Teams and Incident Command	3
EMP	110	Exercise Evaluation	1-½
EMP	240	Leadership and Influence	1
EMP	241	Decision Making and Problem Solving	1
EMP	242	Effective Communications	1
EMP	244	Developing Volunteer Resources	1
EMP	246	Capstone Seminar	1
EMP	280	Public Policy in Emergency Management	1
EMP	291	Introduction to Public Information	2
EMP	292	Radiological Fundamentals (<i>FCRRT</i>)	2
EMP	297	Cooperative Education (<i>Internship</i>)	1-6
EMP	299	Independent Study (Program Analyst)	1-6
FST	201	Instruction Methodology	3
GEY	235	Computers Systems (<i>GIS</i>)	3
Total Required Credits			30

EMERGENCY MANAGEMENT AND PLANNING

EMP 101 Introduction to Emergency Management 3 Credits

This course presents a broad overview of an emergency management system and the importance of an integrated approach to managing emergencies. You formulate the elements of an integrated teamwork system and devise specific actions for improving their own contributions to local emergency teams. The course is for all disciplines that work together in planning for or responding to emergencies.

EMP 105 Emergency Planning 3 Credits

This course provides the skills and knowledge needed for hazard mitigation planning and implementation. You formulate a rationale for mitigation of natural hazard vulnerability; assess the applicability of proposed mitigation strategies; develop a hazard mitigation plan using the process, format and content. You also have the opportunity to diagnose the problems of a hypothetical hazard team, and propose changes to improve its operation and effectiveness. In addition, you are given a description of a region-unique hazard, in which they assess vulnerability, identify existing hazard mitigation systems, recommend mitigation activities, estimate cost, and develop a strategy for implementation of mitigation measures using HMGP funds.

EMP 106 Exercise Design 1-1/2 Credits

Prerequisites: EMP 101, 105 or permission of instructor

This course provides knowledge and develops skills that enable you to train a staff and to conduct an exercise that tests a community's plan and its operational response capability.

EMP 107 Computer Systems Information 3 Credits

This course provides you with knowledge and skills to operate computer programs designed to enhance planning and information to control and mitigate disasters and gather needed information to safely and effectively make strategic decisions.

EMP 108 Mass Casualty 1 Credit

This course provides you with an understanding of the function, goals and operation of mock exercises and pre-planning. Hazards and the cause of these hazards and methods to correct them are discussed. You study the effects from hazards to life and property.

EMP 109 Community Emergency Response and Incident Command 3 Credits

Prerequisites: EMP 101, 105 or permission of instructor

This course explores the dynamics of managing major emergency incidents. The National Incident Command System utilized in the instruction. Major incidents where large life, property, or economic losses are possible are studied. Actual incidents are discussed and analyzed. This course recognizes that learning from the experience of others in handling major emergencies is required in the pre-planning of emergencies in our own communities.

EMP 110 Exercise Evaluation 1 1/2 Credits

This course develops knowledge and skills that enable you to manage exercise evaluation activities before, during and after an emergency management exercise.

EMP 200 Hazard Mitigation Planning 3 Credits

This course gives you a good working knowledge of the standards, regulations, and processes of planning and working in group activities. This course also helps students develop planning programs for hazard mitigation which includes exercises in the development of plans and mitigation of hazards.

EMP 240 Leadership and Influence 1 Credit

This course enables you to lead and influence others in the demanding setting of emergency management by increasing their range of skills in a variety of interpersonal areas including conflict management, use of power, and group dynamics, as well as leadership and influence.

EMP 241 Decision Making and Problem Solving 1 Credit

This course enables you to clearly identify a problem and its cause in order to determine the appropriate type of decision making style. Using a suggested process of problem solving, participants are able to apply creative solutions to both emergency and non-emergency situations.

EMP 242 Effective Communications 1 Credit

This course is designed to sharpen the presentation and media skills of emergency management officials when giving and receiving information in emergency management contexts. The course addresses not only public speaking, but as one-on-one interactions, small group discussions, written communication, listening skills, and dissemination of public information through the media.

EMP 244 Developing Volunteer Resources 1 Credit

This course is designed to improve your ability to deal with a broad range of issues in the management of volunteers. Issues covered include identification of tasks provided by organized groups which require volunteer services, skill definition and specification of qualifications, publicity and recruitment, skill development and maintenance, and motivation strategy that promotes continued involvement and quality performance.

EMP 246 Capstone Seminar 1 Credit

The PDS Capstone Seminar is for emergency management personnel who have completed all field Professional Development Series courses. This seminar builds on the concepts offered in other courses and introduces other topics of interest to the career emergency management professional. Topics include liability issues in emergency management, media considerations, FEMA perspectives, stress management and critical incident stress debriefing, human behavior in disasters, team building, motivation and community awareness.

EMP 280 Public Policy

1 Credit

This course heightens awareness of public policy issues inherent in emergency management. Discussions and exercises cover public policy analysis, executive roles, hazard evaluation, establishing public policy and media relations.

EMP 291 Public Information

3 Credits

This course provides you an opportunity to practice and expand skills. It is a highly interactive course that includes workshops on writing, public speaking, media interviews, and awareness campaign development. This course also discusses media relations and public information planning.

EMP 292 Radiological Fundamentals (FCRRT)

2 Credits

This course provides local radiological response team members and others with information on radiation detection instruments, radiological monitoring techniques, radiological hazards and protective actions, team building, and basic procedures to support planning for emergency/recovery activities in the event of a radiological incident.

EMP 297 Cooperative Education (Internship)

1-6 Credits

This course must be arranged through the office of Cooperative Education and with approval of your Advisor. This Internship allows students to gain experience and knowledge from on-the-job training. Positions are non-paid.