

EMT-1320: HEAVY RESCUE

Cuyahoga Community College

Viewing: EMT-1320 : Heavy Rescue

Board of Trustees:

1997-10-23

Academic Term:

Fall 2020

Subject Code

EMT - Emergency Medical Technology

Course Number:

1320

Title:

Heavy Rescue

Catalog Description:

Techniques of heavy rescue, safe management of equipment used in heavy rescue, entrapment and patient extrication.

Credit Hour(s):

2

Lecture Hour(s):

1

Lab Hour(s):

2

Other Hour(s):

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Requisites

Prerequisite and Corequisite

Departmental approval: certified EMT-B; emergency workers must be in good health or have physicians verification, must be able to lift 75 pounds.

Outcomes

Objective(s):

1. Exhibit professional, ethical and compassionate behavior when interacting with diverse groups of
2. patients and their families, healthcare professionals, and community members.
3. Use tactical management, critical thinking and ethical decision-making skills to lead and operate
4. an EMS Unit.
5. Identify current and potential hazards and perform duties maintaining a safe work environment for
6. oneself, co-workers, patients and bystanders. Identify stress within oneself and co-workers and use appropriate stress management techniques to
7. ensure physical and emotional health.
8. Use correct medical terminology when communicating with healthcare professionals regarding
9. patient conditions and to completely and accurately document patient care information that meets
10. federal, state and organizational requirements.
11. Apply knowledge of anatomy, physiology, medicolegal and ethical issues, basic patient assessment
12. skills, and basic medical equipment to identify mechanism of injury or nature of illness to determine
13. therapeutic modalities for the medical and trauma patient and establish the priority of interventions
14. needed to improve the patient's outcome within the EMT-Basic level's scope of practice.
15. Demonstrate skill proficiency in pre-hospital assessments and treatments using basic medical

16. techniques and equipment available within the EMT-Basic scope of practice.
 17. Be prepared to sit for the National Registry of Emergency Medical Technician(NREMT) Basic Exam.
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Methods of Evaluation:

1. Written exam with a passing score of 80%
2. Practical exam with a passing score of 80%

Course Content Outline:

1. Orientation
2. Facilities available
3. Local hazards
4. Stages of rescue
5. Size-up
6. Handling special hazards
7. Heavy rescue vehicles and equipment
8. Safe driving practices
9. Special rescue techniques
10. Supporting damaged structures
11. Forcible entry
12. Extrication from vehicles
13. Electrical emergencies
14. Water rescue
15. Aircraft crash rescues
16. Radiation hazards
17. Elevator rescues
18. Bus rescues
19. Radioactive material
20. Heavy rescue vehicles and equipment
21. Capabilities
22. Use and care of vehicles and equipment
23. Safe driving practice

Resources

"Fire Chief Magazine"

"Fire Engineering Magazine"

Fire Training Academy. "Fire Training Manual"

Resources Other

1. Airport fire department.
2. Cleveland fire department.
3. Coast guard.
4. Ohio Department of Vocational Education.
5. Power company.

Instructional Services

CTAN Number:

Career Technical Assurance Guide CTFF003 (5 of 5 courses, all must be taken)

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