REScue Practices for the Fire Service

Semester/Year: Spring 2015

Lecture Hours: 3 | Lab Hours: 0 | Credit Hours: 3

Class Time: 8:00 AM-5:00PM
Days: Feb 6-7; April 2-3; April 16-17

Room: EI 100

Instructor’s Name: Mark Harshman

Instructor's Contact Information:
Office Phone: 235-8324 Email: mharshman@cityofcasperwy.com

Office Hours: By Appointment

Course Description: This course is designed to offer the student first hand experience in the areas of high angle rescue, water rescue, ice rescue, vehicle rescue/extrication, and structural fire rescue.

Statement of Prerequisites: None

Goal: Orient students to the many aspects of rescue as it relates to the fire service, and allow them to experience different techniques used to accomplish rescue missions through first hand experience.

Institutional Outcomes:
☐ Demonstrate effective oral and written communication
☒ Solve problems using critical thinking and creativity
☐ Use appropriate technology and information to conduct research

Program Goals: the Fire Science program will prepare students for a career in the fire service by providing the students with educational opportunities in the area of academics and an overview of the field of firefighting, through lectures and practical exercises in all skill levels pertinent to emergency services.

Course goals: To offer students first-hand experience in the areas of high-angle, water rescue and vehicle rescue/extrication.

Outcomes: Students will develop skills commonly used in fire service, to accomplish several types of rescues that firefighter respond to in the course of their duties. Students will be given the opportunity to experience firsthand, techniques used to mitigate rescue situations involving the following technical areas:

High Angle rope rescue: Students will learn rescue techniques involving the use of ropes to include rope construction, knots, rappelling, mechanical advantage system, and safety.
Water rescue: Students are exposed to water rescue in standing water and swift water, self rescue is a key element in this area. Water safety is emphasized to insure that the rescuer does not become another victim.

Ice rescue and environmental emergencies: Our climate and that of many regions in the United States lends itself to the development of ice on bodies of water. Ice becomes attractive for recreational use, creating some unique rescue situations. Students will learn how to “size up” an ice rescue situation and respond appropriately given the proper equipment.

Vehicle rescue and extrication: Vehicle accidents present rescue personnel with many challenges. Removing the vehicle from around the injured and trapped citizens safely requires a great amount of skill. Extrication training with a variety of tools will be explored through classroom and field training sessions.

Fire Rescue: Structural fire rescue involves several key elements that will be explored in the classroom. Self contained breathing apparatus will be employed as well as other appropriate protective clothing during realistic scenarios.

Methodology: Lecture, multi-media, practical application.

Evaluation Criteria: Written and practical exams.

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<tr>
<td>Class Participation</td>
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<td>Exams/6 at 100 points each</td>
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Grade Scale:

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Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.
**Official Means of Communication:** Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly. This is also where you will find course evaluation links during course evaluation periods.

**ADA Accommodations Policy:** If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college’s Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.