**Semester/Year:** SPRING 2016

<table>
<thead>
<tr>
<th>Lecture Hours: (3)</th>
<th>Lab Hours: (none)</th>
<th>Credit Hours: (3)</th>
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<tr>
<th>Class Time: 5:30-8:30 pm</th>
<th>Days: Thursdays</th>
<th>Room: El 100</th>
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Instructor’s Name: Bill Bohman

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<tr>
<th>Instructor's Contact Information: Bill Bohman</th>
<th>Office Phone:</th>
<th>Email: <a href="mailto:wbohman@cityofcasperwy.com">wbohman@cityofcasperwy.com</a></th>
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<tr>
<td>Phone: 307-258-3442</td>
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**Course Description:** Hazmat Awareness and Operations

**Statement of Prerequisites:** None

**GOAL:** To give the students the proper tools and training to properly manage hazardous materials emergency scenes.

**OUTCOMES:**
2. Application of basic chemistry and hazardous materials strategies to emergency response.
3. Application of emergency response to hazmat scenes.
4. Effective and controlled scene management.
5. Students will demonstrate effective oral and written communications.
6. Students will solve problems using critical thinking and creativity.

I EXPECT attendance, participation, and accountability for yourself and your work. I will give you all the tools to succeed but you will be expected to DO THE WORK!

**Methodology:** This class will be a combination of lecture, book work (In class and on your own), online work with Moodle, video and hands on skills.

**Evaluation Criteria:** Your grades for this class will consist of 14 quizzes and 14 Chapter tests as well as a state proctored Awareness Test (YOU NEED TO PASS THIS TO TAKE THE OPERATIONS TEST), a state proctored Operations test (YOU NEED TO PASS THIS TO TAKE THE SKILLS PORTION) and a final skills evaluation pending passing of BOTH Awareness and Operations. Passing or failing the Awareness or Ops tests does not constitute a passing grade for the class. Your certifications are a bonus but remember that they are required for Firefighter 1 and 2. 

(IF YOU FAIL ANY ONE OF THE TWO TESTS THAT ARE PROCTORED (Awareness or Operations), IT IS YOUR RESPONSIBILITY TO MAKE ARRANGEMENTS TO RETAKE THESE TESTS)
The grading scale consists is as follows (This will be for both Course grades and quiz/test grades):

- 100%–90% A
- 89%–80% B
- 79%–70% C
- 69%–60% D
- 59% and below F

Required Text, Readings, and Materials: The book we will be using this semester is the International Association of Fire Chiefs “Hazardous Materials Awareness and Operations” and the associated Navigate 2 online course material that follows the curriculum. Power Point will be used as well as videos. We will use various other mediums to teach with as well.

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: (college deadline or yours, if different) Casper College lists the last day to withdraw from this class with a “W” and a full 100% refund of tuition is Feb 3rd 2014. The college also lists that the last day to withdraw from this class without refund is April 17th 2014.

Your attendance is required to be successful at this class and your grade WILL be affected due to quizzes and/or test every day. If you must miss a class, you need to arrange a time to make up what is missed. We will only allow 2 missed days and the make up work associated with it. Any more than that will be a “No Score”. Last but not least, WE WILL NOT TOLERATE CHEATING, STEALING OR PLAGIARIZING IN OUR CLASS. This is not only the policy of this class but as well as Casper College. See Below

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. (We will go over the standard that the Fire Science Hazmat Class will adhere to in class together)

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.

ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment with our Accommodative Services Counselor at 268-2557.

Calendar or schedule indicating course content:

1/21/16 - Hazardous Materials Overview
1/28/16 - Recognizing and Identifying the Hazards
2/04/16 - Hazardous Materials: Properties and Effects
2/11/16 - Estimating Potential Harm and Planning A Response
2/18/16 - Implementing the Planned Response & Product Control
2/25/16 - Mission Specific Competencies: Personal Protective Equipment
3/03/16 - Equipment Hands on and Review for awareness test
3/10/16 - No Class
3/17/16 - Awareness Test (This is required)
3/24/16 - Mission Specific Competencies: Technical Decontamination and Mass Decontamination
3/31/16 - Evidence Preservation and Sampling
4/07/16 - Terrorism
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<tr>
<th>Date</th>
<th>Event Description</th>
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<tr>
<td>4/14/16</td>
<td>Victim Rescue and Recovery/ Properties of Smoke</td>
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<tr>
<td>4/21/16</td>
<td>Skill and Review</td>
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<tr>
<td>4/28/16</td>
<td>Skills and Review</td>
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<tr>
<td>5/05/16</td>
<td>Operations Test (Subject to Change)</td>
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<tr>
<td>5/14/16</td>
<td>Skills Portion (Subject to Change)</td>
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