HE 125 Occupational Safety and Health
Linn-Benton Community College
Spring 2010 Online Class

Instructor: Kristi Murphey, ABD, MS
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Office Location: AC 109
Office Phone: (541) 917-4246
Office Hours: MW 11:00 am- 12:00 pm, TR 10:00- 11:00 am (virtual hours with appointment)

Course Description:
Occupational Safety introduces students to the fundamentals of occupational health and safety in regard to accident causation theory and accident prevention, health and safety management, health and safety practices, hazard identification and control, safety history and legislation, workers’ compensation practices, and practical aspects of complying with current safety regulations.

Course Objectives:
Upon course completion, the student will be able to:

- Define types of accident and give an example for each type
- Describe costs of accidents and explain major reasons for accident prevention
- Explain health effects of common hazardous chemicals in the workplace
- Identify common chemical, physical, and biological hazards in the workplace
- Define ‘ethics’ and name guidelines used to determine ethical behavior
- Discuss ethical issues for the health and safety professional
- Identify federal and state agencies responsible for various functions in occupational and environmental safety & health
- Explain how OSH standards are developed and enforced
- Describe OROSH compliance inspection procedures
- Give examples of hazard control methods
- Apply hazard analysis methods to a given scenario
- Describe characteristics of good machine guarding and give examples
- Explain the lockout/tagout procedures
- Describe hazards associated with electrical work and ways to control the hazards
- Apply the following concepts: PEL, TLV, flash point, LEL, UEL
- Use information from an MSDS to identify hazards and recommend controls
- Identify risk factors for cumulative trauma disorders and recommend controls
- Correctly record work-related injuries and illnesses in the OSHA 300 form
- Discuss relevant environmental regulations
- Describe criteria for an effective health and safety program

Course Materials:
You will need the following text book and materials to complete this class:
- Various pamphlets, brochures, OR-OSHA CD, and administrative rule packets (free of charge. (Instructions on last page of syllabus).

**Helpful Websites (direct links on Blackboard):**
http://www.osha.gov/
http://www.orosha.org/
http://www.cdc.gov/niosh/homepage.html
http://www.osh.net/

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<thead>
<tr>
<th>Evaluations:</th>
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<tr>
<td>Study Questions (8 x 40 each)</td>
<td>320 points</td>
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<tr>
<td>Safety Tutorial</td>
<td>100 points</td>
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<td>Peer Evaluations</td>
<td>30 points</td>
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<td>Final Exam</td>
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<td><strong>TOTAL</strong></td>
<td><strong>550 points</strong></td>
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**Course Comments:**
1. I do accept late assignments; it is 10% off for each day late.
2. If you know you are going to be on vacation or unavailable on a due date/time, your work needs to come in early.
3. Students are expected to be honest and ethical in their academic work. Academic dishonesty is defined as an intentional act of deception in one of the following areas:
   - Cheating – use or attempted use of unauthorized materials, information or study aids
   - Fabrication – falsification or invention of any information
   - Assisting – helping another commit an act of academic dishonesty
   - Tampering – altering or interfering with evaluation instruments and documents
   - Plagiarism – representing the words or ideas of another person as one’s own
4. Students with documented disabilities who may need accommodations, who have any emergency medical information the instructor should know of, or who need special arrangements in the even of an emergency, should speak with the instructor during the first week of classes. If you have not accessed services and think you may need them, contact the Office of Disability Services at 917-4789.

**Study Questions**
You will be assigned weekly study questions that are due each week and cover that week of material. All assignments are due by midnight of the due date via Moodle. NO EMAILED ASSIGNMENTS ACCEPTED. Late work will be accepted with a 10% penalty for each day late.
Safety Tutorial: The second week of class, you will select a topic and design an online tutorial on the topic for your peers. There will be a description of the assignment as well as a topic list on Blackboard. Your peer review assignment will be part of this assignment.

Exams: The final exam is comprehensive and worth 100 points. The exam will consist of open-ended questions and essay-type questions. It is not a timed exam, but instead has a due time. You will be able to upload a copy of the exam and type directly into the exam and submit it via dropbox. Further instructions will be on the announcement page as well as the final exam folder when the time comes.

To Access OR-OSHA Materials:
Go to http://www.orosha.org/index.html. Choose “order CD/DVDS” from bottom left of the page. Or you may directly access the page at http://www4.cbs.state.or.us/ex/osha/film/. From here, you may select resources from pamphlets and posters to CDs and DVDs. It takes approximately 3 days for your materials to arrive, so please plan ahead if you are using them for an assignment. I will put direct links onto Blackboard for all the materials you will need.

I also recommend going to http://www4.cbs.state.or.us/ex/osha/film/ to sign up to get weekly email reports from OR-OSHA. You can opt out of the email notification when the term is over.