

Oakland University
School of Health Sciences
Environmental Health & Safety Program

Course Syllabus
EHS 1150 – Environmental Health and Safety at Work, WI18

Instructor and Class Meeting Information:

Instructor: Dr. Charles W. McGlothlin, Jr.
Office: 3065 HHB,
Office Hours: Online on Mondays at 7:00pm
Phone: 248.364.8651
E-mail: mcglothl@oakland.edu
Class Sessions: Class meets online on Mondays at 6:00pm
Class Location: Online

Catalog Description:

A comprehensive introduction to workplace safety and health including injury and illness prevention, emergency response, accident investigation, relevant legislation, and other current topics important to safety and health in the workplace. It is recommended for business, engineering, prelaw, health and wellness professions or general studies students.

2.000 Credit Hours.

Prerequisite: None.

Required Text:

No text is required for this course.

Resources:

OSHA, NIOSH, Michigan OSHA, National Safety Council, ASSE, & AIHA websites

<http://www.osha.gov/>

<http://www.cdc.gov/niosh/>

<http://www.michigan.gov/>

<http://www.nsc.org/>

<http://www.asse.org/>

<http://www.aiha.org/>

National Safety Council Accident Prevention Manual, Administration & Programs,
Kresge Library

Objectives:

Upon completion of this course, the student should be able to:

1. Demonstrate an understanding and appreciation of the role of safety and health professionals, programs, and regulations in reducing incidents, injuries, illnesses, and fatalities in workplaces.
2. Identify common occupational safety and health hazards in the workplace including chemical, biological, physical, and ergonomic hazards.
3. Demonstrate an understanding of hazard assessment and control in order to minimize the probability of mishaps in the workplace.
4. Access and utilize a larger number of technical resources to identify and subsequently control hazardous situations in the workplace.
5. Communicate effectively with management and workers to protect employees, property, the environment, and the organization's bottom line performance from the costs, both human and economic, of workplace-related injuries and illnesses.
6. Demonstrate an understanding of how safety and health programs are implemented to optimize business and safety performance in unison.
7. Explain what is expected of safety and health professional, business managers, and employees to reduce or eliminate occupational injuries, illnesses, and fatalities.

Schedule:

Week	Class Description
1.	Course introduction and safety topic research assignment Review web-based resources provided throughout the course.
2.	Student research reports of assigned safety topic due Why is safety and health important? Hazard identification, assessment and control
3.	Building on what you have In the event of emergency
4.	Controlling the hazard Training in safe work practices
5.	Involving employees in injury prevention Working with OSHA
6.	Supervisory leadership in safety and health Formalizing the safety and health process
7.	Incident investigation Safety and health inspections
8.	Winter Semester Recess, no class assignments
9.	Midterm Exam, covers all WebEx and assigned readings
10.	Occupational health and Continuous improvement in incident reduction Hand-in final PowerPoint & related test questions
11.	Student presentations, current workplace S&H issues
12.	Student presentations, current workplace S&H issues
13.	Student presentations, current workplace S&H issues Complete & submit final paper
14.	Student presentations, current workplace S&H issues
15.	Student presentations, current workplace S&H issues
16.	Final Exam, comprehensive coverage of course materials and student presentations

Mid-term and Final Exams

Mid-term exam will be on material covered in WebEx lectures and assigned readings in weeks 1 through 7. The final exam will be based on materials covered throughout the course and information provided in student presentations.

Final Paper Presentation

Develop and deliver a **15 minute** PowerPoint assisted presentation based on your final paper assigned topic. Your presentation should consist of at least 15 slides with no more than six key points (bullet points) and no more than six key words per bullet point on each slide. These slides should serve as an outline for your presentation and you should be able to deliver the presentation without reading from your PowerPoint slides. Upon completion of your presentation administer a ten (10) **multiple choice** question quiz on your content area. Include these questions in addition to the 15 content slides in your PowerPoint presentation. These questions may be used on the final exam.

Final Paper

A specific current workplace safety or health focus area will be assigned to each student. The final paper representing research into this topic area is to be word process as a professional report on this current issue in today's workplace. This research report should be a minimum of ten (10) pages, double spaced, 12 point font with 1 inch margins. Page requirement is in excess of title page, abstract, and reference page. It is expected to be grammatically correct, without spelling errors, and properly referenced. At least three references are expected in APA format. Please use the OU Writing Center or other resources to ensure a quality report.

Grading Structure:

	Percent of final grade:
Research Summary	2
Mid-term Exam	20
Discussion Questions	15
Final Paper Presentation	20
Final Presentation Test Questions	3
Final Paper	20
Final Exam	20

Late assignments will not be accepted.

Please note that mid-term and final exams in this class will be proctored through the ProctorU service. Please visit <http://proctoru.com/portal/oakland> and create a ProctorU account. When you are ready to take any proctored session exam, you will need to select your institution (Oakland University), the term, exam you are taking, and then the time you want to take the exam. For additional IT support please contact the Oakland University IT support for help.

Very Important: Schedule your proctoring sessions for intended examinations at least 72 hours in advance to avoid premium charges. ProctorU is available 24/7, however you will need to schedule your proctoring session at least 72 hours in advance to avoid any on demand scheduling fees. Creating a ProctorU account is very simple. All you will need to do is visit <http://proctoru.com/portal/oakland>.

ProctorU also provides free technical support to ensure you have the best testing situation possible. That is available at www.proctoru.com/testitout . On this page you will also be able to test your equipment, learn about what to expect during your proctoring session, and ask any questions you may have about the proctoring process with a ProctorU representative.

In order to use ProctorU you will need to have a high-speed internet connection, a webcam (internal or external), a windows or apple Operating System, and a government issued photo id. ProctorU recommends that you visit proctoru.com/testitout prior to your proctoring session to test your equipment. For additional technical services needed before your exam, you can click on the button that says “connect to a live person.”

Oakland University Portal Page

url: <http://proctoru.com/portal/oakland>

Test Taker Walk Through Video

url: <https://vimeo.com/107066503>

Grading Scale:

Assigned Grade:	Percent:	Letter Grade
4.0	97-100	
3.9	95-96	
3.8	93-94	
3.7	91-92	
3.6	90	A
3.5	89	
3.4	87-88	
3.3	85-86	
3.2	83-84	
3.1	81-82	
3.0	80	B
2.9	79	
2.8	78	
2.7	77	
2.6	76	
2.5	75	
2.4	74	
2.3	73	
2.2	72	
2.1	71	
2.0	70	C
1.9	69	
1.8	68	
1.7	67	
1.6	66	
1.5	65	
1.4	64	
1.3	63	
1.2	62	
1.1	61	
1.0	60	D
0.0	59 or below	F