

Western Kentucky University
Department of Public Health
Principles of Occupational Safety and Health (EOHS 550)*
Fall 2022

Instructor: Dr. Gretchen Macy
Office: Academic Complex (AC) 236 C
Phone: 270-745-5870
Email: gretchen.macy@wku.edu

Office Hours: Office Hours:
Tuesday: 11:00 AM to 12:30 PM
Wednesday: 12:30 PM to 2:00 PM
Monday / Thursday / Friday: Available by appointment.

*Please note, the syllabus may be revised as needed. All syllabus updates will be posted and communicated via Blackboard.

Recommended Textbook

David L. Goetsch – Occupational Safety & Health. Ninth Edition (2018). Pearson Prentice Hall Publishers, A Division of Pearson Education, Inc.

Course Description

Examines the principles of occupational safety and health in the workplace for controlling hazards, preventing occupational exposures, and improving worker health. Concepts surveyed will include hazards in the workplace, hazard and safety analysis, hierarchy of controls, injury prevention, industrial hygiene, workplace health promotion, and occupational safety and health management.

Student Responsibilities and Assessments

Quizzes (160 points; 40 points each):

There will be (4) multiple-choice quizzes throughout the semester. Each quiz will cover the information from assigned readings, Power Point slides, and class lectures. Students will have one attempt for each quiz.

Application Activities (20 Points; 10 points each):

There will be (2) application activities throughout the semester. You will be asked to apply information from the lecture and online content to address a real-world issue.

Discussion Boards (50 Points; 10 points each):

There will be (5) discussion boards throughout the semester. You will be asked to respond to a prompt by Wednesday of the respective week. You will also have to respond to at least 2 of your classmates by Sunday for a total of three posts. Comments should be respectful, clear and well developed. Simply agreeing or disagreeing with a classmate will not meet minimum requirements.

Ergonomics Assessment (50 Points):

For this assignment, you will observe two videos on Blackboard. You will then fill out an ergonomics assessment based on the manufacturing worker and office station in the videos. After assessing the

video, you will provide strategies for prevention of MSK issues. A more comprehensive description and rubric will be posted on Blackboard.

Occupational Disease Fact Sheet (50 points):

For this assignment, you should select a current **occupational health disease**. With this topic in mind, conduct a literature search, including web resources, for information on this topic. You will then develop a fact sheet on the disease with strategies for prevention and present it via an online platform. A more comprehensive description and rubric will be posted on Blackboard.

Hazards Analysis (100 Points): For this assignment, you will conduct a JHA at a specific job site. A more comprehensive description and rubric will be posted on Blackboard.

Course Objectives

COURSE OBJECTIVES:

Upon successful completion of EOHS 550 course students will be able to:

1. Formulate basic knowledge in the identification and assessment of health and safety hazards in the workplace.
2. Identify a conceptual framework for the practice of occupational safety and health.
3. Apply health promotion, prevention, and protection concepts to occupational health and safety.
4. Describe the roles of occupational health and safety professionals in the field.

STIPULATIONS:

- **ALL** assignments must be completed to pass this course.
- **ALL** work submitted must be **typed** and double-spaced with font no larger than 12.
- Cheating (including plagiarism) results in zero points.
- **ALL** borrowed work for projects or papers must be referenced APA style

Quizzes	160 pts
Application Activities	20 pts
Discussion Boards	50 pts
Occupational Disease Fact Sheet	50 pts
Ergonomics Assessment	50 pts
Hazards Analysis	100 pts
Total	430 pts

Grades are based upon university standards.

A= 90% or above

B= 80-89%

C= 70-79%

D= 60-69%

F= 59% or below

Regular & Substantive Interaction Statement

The U.S. Department of Education requires that distance education courses must include regular and substantive interaction between students and faculty. For more information about Regular and Substantive Interaction at WKU, please visit the [Regular and Substantive Interaction in Online and Distance Learning webpage](#).

In this course, regular and substantive interaction will take place in the following ways:

- At least two group discussions will be facilitated by the instructor regarding the course content,
- Weekly announcements will be posted to update students on due dates and course content,
- Assignments and assessments deadlines will be spread throughout the semester
- Constructive feedback will be given on assessments so that students are aware of the correct responses and where they could improve.

Title IX Misconduct/Assault Statement

Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKU's [Sex and Gender-Based Discrimination, Harassment, and Retaliation](#) (#0.070) and [Discrimination and Harassment Policy](#) (#0.2040). Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Executive Director, Office of Institutional Equity/Title IX Coordinator, Ena Demir, 270-745-6867 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121. Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and MUST report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's [Counseling and Testing Center](#) at 270-745-3159.

ADA Accommodation Statement

In compliance with University policy, students with disabilities who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center located in Downing Student Union, Room 1074. The SARC can be reached by phone number at 270-745-5004 [270-745-3030 TTY] or via email at sarc.connect@wku.edu. Please do not request accommodations directly from the professor or instructor without a faculty notification letter (FNL) from The Student Accessibility Resource Center.

WKU COVID Policy

All students are strongly encouraged to [get the COVID-19 vaccine](#). In accordance with WKU policy, all students must call the WKU COVID-19 Assistance Line at 270-745-2019 within 4 hours of testing positive for COVID-19 or being identified as a close contact to someone who has tested positive. The COVID Assistance Line is available to answer questions regarding any COVID-19 related issue. This guidance is subject to change based on requirements set forth by federal, state, and local public health entities. Please refer to the Healthy on the Hill website for the most current information. www.wku.edu/healthyonthehill

The Learning Center Peer Tutoring Services

The Learning Center (TLC) provides free tutoring services that empower students to achieve academic success. Trained peer tutors are available to review course content, answer questions, and demonstrate effective study strategies. TLC offers individual appointments and group sessions (PASS) for hundreds of undergraduate courses. For more information or to make an appointment, visit www.wku.edu/tlc.

Academic Offenses (As in WKU's Student Handbook)

The maintenance of academic integrity is of fundamental importance to the University. Thus, it should be clearly understood that acts of plagiarism or any other form of cheating will not be tolerated and that anyone committing such acts risks punishment of a serious nature.

Academic Dishonesty

Students who commit any act of academic dishonesty may receive from the instructor a failing grade in that portion of the course work in which the act is detected or a failing grade in a course without possibility of withdrawal. The faculty member may also present the case to the Office of Judicial Affairs for disciplinary sanctions. A student who believes a faculty member has dealt unfairly with him/her in a course involving academic dishonesty may seek relief through the Student Complaint Procedure.

Plagiarism

To represent written work taken from another source as one's own is plagiarism. Plagiarism is a serious offense. The academic work of a student must be his/her own. One must give any author credit for source material borrowed from him/her. To lift content directly from a source without giving credit is a flagrant act. To present a borrowed passage without reference to the source after having changed a few words is also plagiarism.

Cheating

No student shall receive or give assistance not authorized by the instructor in taking an examination or in the preparation of an essay, laboratory report, problem assignment or other project which is submitted for purposes of grade determination.

Other Types of Academic Dishonesty

Other types of academic offenses, such as the theft or sale of tests, electronic transmission of test, test sharing, etc. will be reported to the Office of Judicial Affairs for disciplinary action.