SYLLABUS
Introduction to Occupational Safety
EHS 422 / 522
SPRING 2021

Time: Mondays, 1-3:50pm

Location: Live online, https://arizona.zoom.us/j/88683271672

Instructor and Contact Information: Stephanie Griffin, Ph.D. CIH
MEZCOPH/CEP
Office: Drachman Hall, Room A241
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Charity Madrid-Torres
RMS
Email: cmadridtorres@arizona.edu

Office Hours: Wednesday, 10:30am-12:30pm (https://arizona.zoom.us/j/87944033181) or by appointment

Teaching Assistant: None

Catalog Description: Fundamentals of occupational safety, emphasizing regulatory requirements and best-practices targeted to eliminate major sources of occupational injuries. Hazard identification, behavioral safety, and incident investigation will be discussed.

Graduate-level requirements include a written paper evaluating a topical incident pertinent to the state/region, including an analysis of contributing factors and recommendations to prevent future occurrences.

Course Description: We will explore safety and health programs and the requirements of Federal and State OSHA. Students will receive training typically required for the 30-hour OSHA General Industry Safety and Health Training. Graduate students will complete an incident investigation report and present their findings to the class.

Course Prerequisites:
Undergraduate students: BIOS 376, EHS 375, or equivalent; or consent of instructor
Graduate students: EHS/CPH 584 or consent of instructor.

Course Objectives and Expected Learning Outcomes:

Course Objectives

Students will:
1. Review:
   a. potential workplace safety and health hazards and determine how to mitigate the hazards through engineering controls, administrative controls and personal protective equipment.
b. the requirements for workplace training programs under the existing OSHA and State-OSHA Requirements.

  c. principles for developing and implementing a successful occupational health and safety program and evaluation of a work site.

  d. basic components of an effective company safety and health program including management commitment, employee involvement, hazard recognition, hazard control, and worker training.

2. Demonstrate:

  a. a working knowledge of the occupational health and safety regulations contained in the Federal Register under the 29 CFR 1910 standards.

Bachelor's Degree Foundational Domain

This course provides:

- basic concepts of legal, ethical, economic and regulatory dimensions of health care and public health policy and the roles, influences and responsibilities of the different agencies and branches of government.

This course provides the following cross-cutting concepts:

- Advocacy for protection and promotion of the public’s health at all levels of society
- Ethical decision making as related to self and society

Learning Outcomes (Competencies Obtained):

Program Competencies Covered

Undergraduate Competencies

Upon completion of this course students will be able to:

- locate, use, evaluate and synthesize occupational safety information
- find applicable occupational safety legislation

MPH EOH-IH Competencies

Upon completion of this course students will be able to identify agents, factors, and stressors generated by and/or associated with defined sources, unit operations, and/or processes.

Course Notes: You are expected to take your own notes on any readings/videos/podcasts you will complete outside of class. It is also recommended that you take notes in class, during discussions and group activities. If feasible, the results of discussions/activities will be posted on D2L following the class. Additional content or printed material may be distributed in class. These materials will be posted on the D2L site under the appropriate class date/subject heading.

Required Texts or Readings: This class will use web resources; no textbook required

Required or Special Materials: None

Grading Scale/Student Evaluation and Policies:

Final grades will be based on the following point system:

<table>
<thead>
<tr>
<th>Task</th>
<th>Potential Points</th>
<th>% of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Undergraduate students</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regulation review (12*8 points each)</td>
<td>96</td>
<td>96%</td>
</tr>
<tr>
<td>“Bonus” question in each regulation review (up to 24 points available)</td>
<td>4</td>
<td>4%</td>
</tr>
<tr>
<td></td>
<td>100</td>
<td></td>
</tr>
<tr>
<td><strong>Graduate students</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All of the above +</td>
<td>100</td>
<td>80%</td>
</tr>
<tr>
<td>Incident investigation report (20) and presentation (5)</td>
<td>25</td>
<td>20%</td>
</tr>
<tr>
<td></td>
<td>125</td>
<td></td>
</tr>
</tbody>
</table>
A: >89.5%; B: 79.5-89.4%; C: 69.5-79.4%; D: 59.5-69.4%; F: <59.5%

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Percent</th>
<th>Undergraduate Points</th>
<th>Graduate Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90%-100%</td>
<td>89.5-100</td>
<td>&gt;112.5</td>
</tr>
<tr>
<td>B</td>
<td>80%-94%</td>
<td>79.5-89.4</td>
<td>99.5-112.4</td>
</tr>
<tr>
<td>C</td>
<td>70%-79%</td>
<td>69.5-79.4</td>
<td>87.5-99.4</td>
</tr>
<tr>
<td>D</td>
<td>60%-69%</td>
<td>59.5-69.4</td>
<td>74.5-87.4</td>
</tr>
<tr>
<td>E</td>
<td>&lt; 60%</td>
<td>&lt;59.5</td>
<td>&lt;74.5</td>
</tr>
</tbody>
</table>

Due Dates for assignments and Exam Dates are designated on the syllabus. Do not rely on dropbox dates and times. These are sometimes inaccurate.

All late assignments will be penalized 10% per day, beginning at the end of the class on the day the assignment is due. For example, if the assignment is due in class on a Monday, it will be marked down 10% if it is turned any time Monday after class. Please contact Dr. Griffin in advance if you know you will be absent to arrange for an alternative time to turn in the assignment. Exams must be completed during the specified time. There will be no make-up exams.

Academic misconduct (i.e., cheating, plagiarism) will be penalized with a grade of zero points for the assignment.

Requests for Incompletes (I) and Withdrawals (W) must be made in accordance with University policies. University policy regarding grades and grading systems is available at: [http://catalog.arizona.edu/policy-type/grade-policies](http://catalog.arizona.edu/policy-type/grade-policies)

Absence and Class Attendance/Participation: Students are expected to attend every class meeting and participate in class discussions and activities. Students will participate in small group discussions on a regular basis.

The UA’s policy concerning class attendance, participation, and administrative drops is available at: [http://catalog.arizona.edu/policy/class-attendance-participation-and-administrative-drop](http://catalog.arizona.edu/policy/class-attendance-participation-and-administrative-drop)

The UA policy regarding absences for any sincerely held religious belief, observance or practice will be accommodated where reasonable, [http://policy.arizona.edu/human-resources/religious-accommodation-policy](http://policy.arizona.edu/human-resources/religious-accommodation-policy).

Absences pre-approved by the UA Dean of Students (or Dean Designee) will be honored, [http://deanofstudents.arizona.edu/](http://deanofstudents.arizona.edu/)

Requests for incompletes (I) and withdrawal (W) must be made in accordance with University policies. University policy regarding grades and grading systems is available at: [http://catalog.arizona.edu/policy-type/grade-policies](http://catalog.arizona.edu/policy-type/grade-policies).

400/500 Co-Convended Courses: Students enrolled in 522 will be expected to be more analytical in their assignments and to think more critically about the questions, beyond what has been presented in class. Additionally, 522 students will complete an incident investigation report and present their findings to the class.

Required examinations, papers and projects: Required assignments are outlined above and in the course calendar below. Note: The University’s Final Exam regulations can be found here: [http://www.registrar.arizona.edu/staff/courses/final-exams?audience=staff&cat1=10](http://www.registrar.arizona.edu/staff/courses/final-exams?audience=staff&cat1=10)

Required extracurricular activities: None.
Course Schedule: Available here (https://docs.google.com/spreadsheets/d/1jP6vK_TzxDCwH6O-NB4_zsAEJz9X1NZa_SIYCOx1OOQ/edit?usp=sharing) and updated throughout the semester. Details about which topics will be covered will be shared in class at least one week in advance.

Communications: You are responsible for reading emails sent to your UA account from your instructor and the announcements that are placed on the course web site. Information about readings, news events, your grades, assignments and other course related topics will be communicated to you with these electronic methods. The official policy can be found at: https://www.registrar.arizona.edu/personal-information/official-student-email-policy-use-email-official-correspondence-students.

Accessibility and Accommodations: At the University of Arizona, we strive to make learning experiences as accessible as possible. If you anticipate or experience barriers based on disability or pregnancy, please contact the Disability Resource Center (520-621-3268, https://drc.arizona.edu) to establish reasonable accommodations.

Code of Academic Integrity: Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercise must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity, available through the office of the UA Dean Students: http://deanofstudents.arizona.edu/policies-and-codes/code-academic-integrity.

Classroom Behavior: Computers, tablets, cell phones, etc. use will be permitted during class for the purposes of locating information for discussions and activities when appropriate (the instructor will tell you when), provided the technology is being used to aid in the learning process. Use for entertainment or unrelated activities (email, games, social media, Youtube, TV/movies, etc.) is prohibited during class time. Appropriate use will be passively monitored by the instructor and TA. This policy is subject to revision if the technology privilege is consistently misused. Please turn your cell phone on vibrate or silent mode to avoid unnecessary interruption.

Students are expected to be familiar with the UA Policy on Disruptive Student Behavior in an Instructional Setting found at: http://policy.arizona.edu/education-and-student-affairs/disruptive-behavior-instructional-setting

Threatening Behavior Policy: The UA Threatening Behavior by Students Policy prohibits threats of physical harm to any member of the University community, including to one’s self, http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students

Nondiscrimination and Anti-harassment Policy: The University of Arizona is committed to creating and maintaining an environment free of discrimination, http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy

UA Smoking and Tobacco Policy: The purpose of this Policy is to establish the University of Arizona’s (University) commitment to protect the health of University faculty, staff, students, and visitors on campuses and in its vehicles. The official policy can be found at: http://policy.arizona.edu/ethics-and-conduct/smoking-and-tobacco-policy

Syllabus Changes: Information contained in the course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate by the instructor.

Grievance Policy: Should a student feel he or she has been treated unfairly, there are a number of resources available. With few exceptions, students should first attempt to resolve difficulties informally by bringing those concerns directly to the person responsible for the action, or with the student’s graduate advisor, Assistant Dean for Student and Alumni Affairs, department head, or the immediate supervisor of the person responsible
for the action. If the problem cannot be resolved informally, the student may file a formal grievance using the Graduate College Grievance Policy found at: http://grad.arizona.edu/academics/policies/academic-policies/grievance-policy.

Grade Appeal Policy: http://catalog.arizona.edu/2015-16/policies/gradappeal.htm

University Course Policies: (please see the following URL): https://academicaffairs.arizona.edu/syllabus-policies

Plagiarism: What counts as plagiarism?
- Copying and pasting information from a web site or another source, and then revising it so that it sounds like your original idea.
- Doing an assignment/essay/take home test with a friend and then handing in separate assignments that contain the same ideas, language, phrases, etc.
- Quoting a passage without quotation marks or citations, so that it looks like your own.
- Paraphrasing a passage without citing it, so that it looks like your own.
- Hiring another person to do your work for you, or purchasing a paper through any of the on- or off-line sources.

References: Several of the assignments require you to use references. Wikipedia is an acceptable “first look” resource but for written assignments, do not use Wikipedia as a primary source. You must go deeper, preferably using The University of Arizona library resources.

MEZCOPH Committee on Inclusion and Equity - Optional Syllabus Language

Gender Pronoun Guideline
It is recommended that instructors address, in one way or another, pronoun usage in their classroom, and that this be done the first day of class. It can be done in a fashion each instructor prefers, but for many, the following statement could work:

“It is already UA policy that class rosters are provided to instructors with a student’s preferred name. Students may share their preferred name and pronoun with members of the teaching staff and fellow students, as desired, and these gender identities and gender expressions will be honored in this course. As the course includes group work and in-class discussion, it is critical to create an educational environment of inclusion and mutual respect. In this class, to be inclusive of all gender identities and expressions, students will be referred to by their first or last names, the pronoun of their choice, or by default, the pronoun “they”. The application of this guideline in all instructional settings involving group interactions is strongly encouraged, but the means of carrying it out are left to each faculty member.

Pandemic information
- This class is scheduled to be taught in the LIVE ONLINE modality.
- Per UArizona’s Administrative Directive, face coverings that cover the nose, mouth, and chin are required to be worn in all learning spaces at the University of Arizona (e.g., in classrooms, laboratories and studios). Any student who violates this directive will be asked to immediately leave the learning space, and will be allowed to return only when they are wearing a face covering. Subsequent episodes of noncompliance will result in a Student Code of Conduct complaint being filed with the Dean of Students Office, which may result in sanctions being applied. The student will not be able to return to the learning space until the matter is resolved.
- During any in-person interactions, we will respect CDC guidelines, including restricted seating to increase physical distancing and appropriately-worn face coverings. Per UArizona’s Administrative Directive, face coverings that cover the nose, mouth, and chin are required to be worn in all learning spaces at the University of Arizona (e.g., in classrooms, laboratories and studios). Any student who violates this directive will be asked to immediately leave the learning space, and will be allowed to
return only when they are wearing a face covering. Subsequent episodes of noncompliance will result in a Student Code of Conduct complaint being filed with the Dean of Students Office, which may result in sanctions being applied. The student will not be able to return to the learning space until the matter is resolved.

○ The Disability Resource Center is available to explore face coverings and accessibility considerations if you believe that your disability or medical condition precludes you from utilizing any face covering or mask option. DRC will explore the range of potential options as well as remote course offerings. Should DRC determine an accommodation to this directive is reasonable, DRC will communicate this accommodation with your instructor.

● Academic advising: If you have questions about your academic progress this semester, or your chosen degree program, please note that advisors at the Advising Resource Center can guide you toward university resources to help you succeed.

● Life challenges: If you are experiencing unexpected barriers to your success in your courses, please note the Dean of Students Office is a central support resource for all students and may be helpful. The Dean of Students Office can be reached at 520-621-2057 or DOS-deanofstudents@email.arizona.edu.

● Physical and mental-health challenges: If you are facing physical or mental health challenges this semester, please note that Campus Health provides quality medical and mental health care. For medical appointments, call (520-621-9202). For After Hours care, call (520) 570-7898. For the Counseling & Psych Services (CAPS) 24/7 hotline, call (520) 621-3334.

● Exams: Exams and quizzes are delivered by D2L.

● Equipment and software requirements: For this class you will need daily access to the following hardware: laptop or web-enabled device with webcam and microphone; regular access to reliable internet signal; ability to download and run the following software: web browser, Adobe Acrobat, Microsoft applications.

● Staying current: You are required to meet all the expectations and deadlines laid out in this syllabus.

● Remain flexible: If pandemic conditions warrant, the University may require that we return to remote operations. If that is the case, we will notify you by D2L and email.

● Remote / online only after Thanksgiving: After the Thanksgiving holiday, we are scheduled to move to remote teaching. That means that we will meet via zoom for lecture and group work during our scheduled class time.

● Class Recordings:
  ○ If course recordings are made, I will notify students, and work with you if you do not wish to be identified by name.
  ○ For lecture recordings, which are used at the discretion of the instructor, students must access content in D2L only. Students may not modify content or re-use content for any purpose other than personal educational reasons. All recordings are subject to government and university regulations. Therefore, students accessing unauthorized recordings or using them in a manner inconsistent with UArizona values and educational policies are subject to suspension or civil action.