

Syllabus – Fall 2017

Syllabus information may be subject to change. The most up-to-date syllabus is located within the course in HuskyCT.

Program Information

This is a three-credit undergraduate level course and is one in a series of undergraduate courses in the Allied Health Sciences Occupational and Environmental Health and Safety (OEHS) Concentration. It is also a required course for students in the Allied Health Sciences Occupational Safety and Health (OSH) Post-baccalaureate Certificate Program.

This course was co-developed by Paul Bureau and Steven Pasiuk.

Course and Instructor Information

Course Title: Health Hazards in the Workplace

Credits: 3

Format: Online

Prerequisites: AH 3570

Professor: Steven Pasiuk

Email: Steven.Pasiuk@uconn.edu On and after the first day of classes, students registered in the course should send messages to the instructor via the *Messages* tool in HuskyCT.

Availability: I will check into the course frequently, once a day at the beginning of the course and on average once every two days after that. If I expect to be away due to illness, travel or family obligations, I will make every attempt to notify you in advance. If you need to discuss an issue with me individually, please use the *Messages* tab in HuskyCT.

Permission Requests: Students requesting permission for registering should contact paul.bureau@uconn.edu. Include your PeopleSoft ID number and reason for taking the course.

Course Materials

A textbook is NOT REQUIRED for this course.

All mandatory readings and materials will be available either within the text of the course, or through links provided within the course. Should you choose to research further into the subject matter, the following textbook is **strongly suggested (but not required)**:

Nims, D. K. (1999). *Basics of Industrial Hygiene*. New York, NY: John Wiley & Sons, Incorporated. ISBN: 0471299839

Additional course readings and media are available within HuskyCT, through either an Internet link or Library Resources

Course Description

Introduction to the physiological and/or toxicological interactions of physical, chemical and biological agents or stressors with the human body.

Course Objectives

By the end of the semester, students should be able to:

1. Recognize health and physical hazards and stressors in a workplace environment based on industrial hygiene regulations, guidelines, and exposure data.
2. Evaluate the significance of exposure data collected by industrial hygienists using tools and instruments.
3. Recommend interventions used by industrial hygienists to address identified hazards and stressors in the workplace.
4. Develop a communication plan to inform all stakeholders of recognized hazards and stressors in a workplace setting, the significance of collected exposure data, and recommendations for intervention.

Course Outline (and Calendar if Applicable)

Module 1 - Introduction to Industrial Hygiene

Module 2 - Toxicology Review

Module 3 - Hazardous Materials and the OSHA Hazard Communication Standard (HazCom)

Module 4 - Occupational Health Standards

Module 5 - Airborne Hazards

Module 6 - Air Sampling for Airborne Contaminants

Module 7 - Controlling Airborne Hazards

Module 8 - Indoor Air Quality (IAQ)

Module 9 - Dermal Hazards and Occupational Skin Disorders

Module 10 - Occupational Noise Exposure and Hearing Conservation

Module 11 - Ionizing and Nonionizing Radiation

Module 12 - Ergonomics

Module 13 - Thermal Stress

Module 14 - Selection and Use of Personal Protective Equipment (PPE)

Module 15 - Communication of Industrial Hygiene Information

Course Requirements and Grading

Summary of Course Grading:

Course Component:	Points:	Percentage:
Module Exercises	1500	70.1%
Module Quizzes	140	6.5%
Final Project	500	23.4%
TOTAL:	2140	100%

Module Exercises (1500 points)

Each module consists of a combination of discussion and/or assignment activities that account for 100 points towards the final course grade. Therefore, for each module there is an opportunity to earn up to 100 points by participating in discussions and/or submitting assignments.

(1) Module Discussions

All course Module Discussions require both an initial posting and a minimum number of comments on fellow student initial postings for consideration of all available points. *Initial posting should be submitted as free text in the Discussion forum.* Comments should be done using the message feature. The specific number of comments

required will be identified in the modules. The postings and comments must be substantive, complete, and advance the learning process, and *all* postings and comments are to be reviewed to be eligible for full credit. Proper spelling and grammar will be considered. Posts such as, I agree, or Good post, will not receive credit.

The deadline for submitting initial postings and comments on fellow student postings are listed in the *Course Schedule*. The instructor may also provide a summary table of due dates for all work. The late policy applies to Module Discussion deadlines.

(2) Module Assignments

Module Assignments are individual exercises. They are to be submitted as attachments *saved as a Word 97-2003 or a rtf document*. Each assignment has a discrete point value that contributes to the overall final course grade. Point values for each assignment are identified in the modules.

Deadlines for submitting Assignments are listed in the *Course Schedule*. The late policy applies to Assignment deadlines.

Module Quizzes (140 points)

Module Quizzes are individual exercises. Fourteen of the course modules contain a quiz. Each quiz consists of 10 multiple choice questions. Each question is worth 1 point toward the overall final course grade. You are allowed two attempts at each quiz. If you are not satisfied with your score on the first attempt, you may take it again. **The result of the last attempt becomes the quiz score.**

Deadlines for submitting Quizzes are listed in the *Course Schedule*. The late policy applies to Quizzes.

Final Project (500 points)

The Final Project is a cumulative applied project consisting of four parts; each part is worth 125 points. You will be presented with information and data and asked to perform the work of an industrial hygienist. Module Assignments, Discussions and Quizzes will prepare you for successful completion of the Final Project.

The deadline for completing the final project is listed in the *Course Schedule*. The late policy applies to the Final Project.

Grading Scale:

The final course grading scale is as follows:

Grade	Letter Grade	GPA
93-100	A	4.0
90-92	A-	3.7
87-89	B+	3.3
83-86	B	3.0
80-82	B-	2.7
77-79	C+	2.3
73-76	C	2.0
70-72	C-	1.7
67-69	D+	1.3
63-66	D	1.0
60-62	D-	0.7

Grade	Letter Grade	GPA
<60	F	0.0

Due Dates and Late Policy

All course due dates are identified in the *Course Schedule*. Deadlines are based on Eastern Standard Time; if you are in a different time zone, please adjust your submittal times accordingly. *The instructor reserves the right to change dates accordingly as the semester progresses. All changes will be communicated in an appropriate manner.*

I will accept late submissions without penalty if requests for extensions are received **in advance** of calendar due dates, and stated reasons for the requests are deemed acceptable. Partial credit will be given for late submissions not previously approved. Late submissions will be graded as follows:

Within 24 hours after due date	= 10% penalty
1 - 2 days after due date	= 25% penalty
3 - 5 days after due date	= 50% penalty
> 5 days after due date	= NO CREDIT

Feedback and Grades

I will make every effort to provide feedback and grades in a timely manner. To keep track of your performance in the course, refer to *My Grades* in HuskyCT.

Student Responsibilities and Resources

As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. This section provides a brief overview to important standards, policies and resources.

Student Code

You are responsible for acting in accordance with the [University of Connecticut's Student Code](#). Review and become familiar with these expectations. In particular, make sure you have read the section that applies to you on Academic Integrity:

- [Academic Integrity in Undergraduate Education and Research](#)
- [Academic Integrity in Graduate Education and Research](#)

Cheating and plagiarism are taken very seriously at the University of Connecticut. As a student, it is your responsibility to avoid plagiarism. If you need more information about the subject of plagiarism, use the following resources:

- [Plagiarism: How to Recognize it and How to Avoid It](#)
- [University of Connecticut Libraries' Student Instruction](#) (includes research, citing and writing resources)

Copyright

Copyrighted materials within the course are only for the use of students enrolled in the course for purposes associated with this course and may not be retained or further disseminated.

Netiquette and Communication

At all times, course communication with fellow students and the instructor are to be professional and courteous. It is expected that you proofread all your written communication, including discussion posts, assignment submissions, and mail messages. If you are new to online learning or need a netiquette refresher, please look at this guide titled, [The Core Rules of Netiquette](#).

Adding or Dropping a Course

If you should decide to add or drop a course, there are official procedures to follow:

- Matriculated students should add or drop a course through the [Student Administration System](#).
- Non-degree students should refer to [Non-Degree Add/Drop Information](#) located on the registrar's website.

You must officially drop a course to avoid receiving an "F" on your permanent transcript. Simply discontinuing class or informing the instructor you want to drop does not constitute an official drop of the course. For more information, refer to the:

- [Undergraduate Catalog](#)
- [Graduate Catalog](#)

Academic Calendar

There are important dates and deadlines for each semester and session classes are offered:

- [Fall and Spring Semester](#)
- [Summer Session](#)
- [Winter Session](#)

Academic Support Resources

[Technology and Academic Help](#) provides a guide to technical and academic assistance.

Students with Disabilities

Students needing special accommodations should work with the University's [Center for Students with Disabilities \(CSD\)](#). You may contact CSD by calling (860) 486-2020 or by emailing csd@uconn.edu. If your request for accommodation is approved, CSD will send an accommodation letter directly to your instructor(s) so that special arrangements can be made. (Note: Student requests for accommodation must be filed each semester.)

Blackboard measures and evaluates accessibility using two sets of standards: the WCAG 2.0 standards issued by the World Wide Web Consortium (W3C) and Section 508 of the Rehabilitation Act issued in the United States federal government." (Retrieved March 24, 2013 from [Blackboard's website](#))

Policy against Discrimination, Harassment and Inappropriate Romantic Relationships

The University is committed to maintaining an environment free of discrimination or discriminatory harassment directed toward any person or group within its community – students, employees, or visitors. Academic and professional excellence can flourish only when each member of our community is assured an atmosphere of mutual respect. All members of the University community are responsible for the maintenance of an academic and work environment in which people are free to learn and work without fear of discrimination or discriminatory harassment. In addition, inappropriate Romantic relationships can undermine the University's mission when those in positions of authority abuse or appear to abuse their authority. To that end, and in accordance with federal and state law, the University prohibits discrimination and discriminatory harassment, as well as inappropriate Romantic relationships, and such behavior will be met with appropriate disciplinary action, up to and including dismissal from the University. Refer to the [Policy against Discrimination, Harassment and Inappropriate Romantic Relationships](#) for more information.

Sexual Assault Reporting Policy

To protect the campus community, all non-confidential University employees (including faculty) are required to report assaults they witness or are told about to the [Office of Diversity & Equity](#) under the [Sexual Assault Response Policy](#). The University takes all reports with the utmost seriousness. Please be aware that while the information you provide will remain private, it will not be confidential and will be shared with University officials who can help. Refer to the [Sexual Assault Reporting Policy](#) for more information.

Software Requirements and Technical Help

The technical requirements for this course include:

- Word processing software
- [Adobe Acrobat Reader](#)
- Internet access
- PowerPoint or PowerPoint Viewer
- Video player such as Microsoft Media Player, RealMedia Player, etc.

This course is completely facilitated online using the learning management platform, [HuskyCT](#). If you have difficulty accessing HuskyCT, students have access to the in person/live person support options available during regular business hours through [HuskyTech](#). Students also have [24x7 Course Support](#) including access to live chat, phone, and support documents.

Minimum Technical Skills

To be successful in this course, you will need the following technical skills:

- Use electronic mail with attachments.
- Save files in commonly used word processing program formats.
- Copy and paste text, graphics or hyperlinks.
- Work within two or more browser windows simultaneously.
- Open and access PDF files.

University students are expected to demonstrate competency in Computer Technology. Explore the [Computer Technology Competencies](#) page for more information.

Evaluation of the Course

Students will be provided an opportunity to evaluate instruction in this course using the University's standard procedures, which are administered by the [Office of Institutional Research and Effectiveness](#) (OIRE).

Additional informal formative surveys may also be administered within the course as an optional evaluation tool.