

# ENV H 550 A Au 20: Occupational And Environmental Disease

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**W ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCES**  
UNIVERSITY of WASHINGTON | SCHOOL OF PUBLIC HEALTH

[\(https://deohs.washington.edu/\)](https://deohs.washington.edu/)

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## ENVH 550A: Occupational & Environmental Disease

**Quarter:** Autumn 2020

**Credits & Grading:** 3 - 4 credits, graded

**Days/Time:** Thursdays, 3:30 to 5:20 PM (PDT, synchronous) via Zoom

**Zoom Link:** <https://uw-phi.zoom.us/j/95093273719> ↗ [\\_\(https://uw-phi.zoom.us/j/95093273719\)](https://uw-phi.zoom.us/j/95093273719)

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### Instructor:



**June Spector, Associate Professor**

**Email:** [spectj@uw.edu](mailto:spectj@uw.edu) (<mailto:spectj@uw.edu>)

[\\_\(mailto:tmb@uw.edu\)](mailto:tmb@uw.edu) **Office Hours:** By appointment

### Course Description

This course serves as an introduction to occupational and environmental diseases. Classes are organized around diseases using public health scenarios and clinical cases. To promote integration of concepts, lecture materials and other illustrative multimedia content are reviewed outside of class, and multi-disciplinary discussions occur during class time. This course is designed to ensure that, upon completion, students can effectively apply evidence-based principles to their work.

### Classroom Climate

The UW School of Public Health seeks to ensure all students are fully included in each course. We strive to create an environment that reflects community and mutual caring. We encourage students with concerns about classroom climate to talk to your instructors, your advisor, a member of the departmental

or SPH Diversity Committee and/or the program director. [vg@uw.edu \(mailto:vg@uw.edu\)](mailto:vg@uw.edu) is a resource for students with classroom climate concerns.

## Equity, Diversity and Inclusion:

Diverse backgrounds, embodiments and experiences are essential to the critical thinking endeavor at the heart of University education. In SPH, students are expected:

1. To respect individual differences, which may include, but are not limited to, age, cultural background, disability, ethnicity, family status, gender, immigration status, national origin, race, religion, sex, sexual orientation, socioeconomic status and veteran status.
2. To engage respectfully in the discussion of diverse worldviews and ideologies embedded in course readings, presentations and artifacts, including those course materials that are at odds with personal beliefs and values.
3. To encourage students with concerns about classroom climate to talk to their instructor, adviser, a member of the departmental or SPH EDI Committee, the Assistant Dean for EDI, or the program's director.

## Bias Concerns

The Office of the Dean has a student concern policy, a faculty concern policy and standard HR procedures for staff concerns. Our 2018 climate survey states that most people in SPH do not report bias incidents because they do not know where to go. Students are encouraged to report any incidents of bias to someone they feel comfortable with, including instructors, advisers or department staff. They can email [dcinfo@uw.edu \(mailto:dcinfo@uw.edu\)](mailto:dcinfo@uw.edu) for immediate follow up. Bias concerns can be anonymously and confidentially reported at this link <https://sph.washington.edu/about/diversity/bias-concerns> [. \(https://sph.washington.edu/about/diversity/bias-concerns\)](https://sph.washington.edu/about/diversity/bias-concerns). Data is collected by the Assistant Dean for EDI and the Director of Program Operations for Student and Academic Services and tracked for resolution and areas are identified for further training.

## Course Logistics

This course offers two different credit options: 1) a three-credit option, and 2) a *four-credit option*.

The three-credit option focuses on occupational and environmental disease epidemiology, pathophysiology, basics of diagnostic testing, and aspects of workplace/population management relevant to disease prevention and management such as hazard evaluation, disease surveillance, policy development, and health protection programs. The course will meet many of the objectives of students in exposure sciences, occupational health services, construction management occupational safety and health, and toxicology with its focus on specific exposures, health outcomes, and disease management.

*A four-credit option, intended for clinically-oriented students including but not limited to occupational and environmental health nursing students, medical fellows in occupational and environmental medicine and other medical subspecialties, residents in internal medicine, family medicine, emergency medicine, and rehabilitation medicine, and third and fourth year medical students, is also available. The four-credit*

*option includes an additional clinical laboratory session each week that focuses in more detail on aspects of diagnostic testing and interpretation, differential diagnosis, and clinical management. This additional clinical laboratory allows for emphasis on attaining the level of knowledge required for successful completion of the Occupational Medicine board examination and the Certified Occupational Health Nursing examination.*

The course is open to other students with permission of the instructor.

E-mail is the standard medium used for communication regarding this course, and readings and other resources will be distributed via the course web site. Students are responsible for ensuring that their correct email address is on file and for informing the instructor if unable to use electronic media.

## **Course Learning Objectives\***

At the end of this course, the student will be able to:

- Recognize and describe the epidemiology and pathophysiology of classic, common, and emerging occupational and environmental diseases (PC1)
- Identify potential relationships between exposures and symptoms in workers, working populations, and communities (PC1, MK2)
- Select appropriate initial diagnostic tests to evaluate symptoms in potentially exposed individuals (PC1)
- Work in multi-disciplinary teams to manage and prevent occupational and environmental diseases at the population level using such approaches as hazard evaluation, disease surveillance, policy development, and health protection programs (PC8, PC6)
- Evaluate regulatory occupational exposure limits with respect to disease prevention (PC9)
- Recommend appropriate medical surveillance activities, integrating information about regulatory requirements (PC12)

*Additional learning objectives for clinically-oriented (four-credit course option) students are:*

- *Formulate a differential diagnosis for patients with symptoms potentially related to occupational and environmental exposures (PC8)*
- *Select and interpret appropriate diagnostic tests (including imaging studies, audiograms, nerve conduction/electromyography studies, pulmonary function tests, and allergy tests) and workplace/environmental evaluations that can best distinguish between specific occupational illnesses, and evaluations that can help distinguish conditions caused by occupational and environmental exposures from other conditions (PC1)*
- *Manage workers with occupational and environmental diseases, including by selecting appropriate treatments and referrals, while incorporating best practices from medical guidelines (PC1, PC6, PC8)*

\* Objectives are mapped to relevant Accreditation Council for Graduate Medical Education (ACGME) milestones and levels

(<https://www.acgme.org/acgmeweb/Portals/0/PDFs/Milestones/PreventiveMedicineMilestones-OccupationalMedicine.pdf>)

(<https://www.acgme.org/acgmeweb/Portals/0/PDFs/Milestones/PreventiveMedicineMilestones-OccupationalMedicine.pdf>), shown in parentheses after each

objective and described below. Milestones are knowledge, skills, attitudes, and other attributes of ACGME competencies and are designed to be organized in a development framework from less to more advanced (Levels 1 to 5). Level 4 is designed as the graduation target (not requirement) for completion of the graduate medical education program.

- *Patient Care (PC)1, Level 3: Recognizes, evaluates, and treats (or refers) patients whose health may be affected by acute or chronic exposure to occupational or environmental chemical agents, including interpretation of laboratory and/or environmental monitoring test results*
- *PC6, Level 3: Applies primary, secondary, and tertiary preventive approaches to disease prevention*
- *PC8, Level 3: Works with a team to evaluate and identify workplace or environmental causes of injury or illness and recommends controls or programs to reduce exposure....; formulates an appropriate differential diagnosis and assessment; provides appropriate treatment and plan....; applies evidence-based clinical practice guidelines in treatment and management*
- *PC9, Level 2: Lists the criteria/regulatory levels for exposures to the specific substance or hazard*
- *PC12, Level 2: Performs a medical surveillance examination following prescribed guidelines*
- *Medical Knowledge (MK)2, Level 2: Identifies common illnesses that may be caused or influenced by environmental exposures & identifies broad environmental factors that may impact the health of a community*

## Course Format

The course consists of nine units, with each unit focusing on a different occupational/environmental disease. Diseases will be illustrated using public health scenarios and clinical cases. The course will be delivered using a “flipped-classroom” approach,<sup>[1]</sup> in which lecture and other materials will be reviewed outside of class, and interactive, multidisciplinary activities will be conducted during class time. In general, each disease-unit will be covered over the course of one week. The general scheme includes:

### 1) Basic descriptive epidemiology:

- Student preparation (*outside of class*):
  - Review illustrative YouTube video clips, other media sources, and/or readings
  - View pre-recorded video mini-lecture (background, basic descriptive epidemiology of disease)
  - Complete background/epidemiology/pathophysiology quiz

### 2) Basic pathophysiology and diagnostic considerations (individual patient-level):

- Student preparation (*outside of class*):
  - Review illustrative YouTube video clips, other media sources, and/or readings covering clinical disease presentation and/or diagnostic considerations
  - View pre-recorded video mini-lecture (basic pathophysiology)
  - Complete background/epidemiology/pathophysiology quiz
  - Review case
- In-class:
  - Discuss case, including interactive discussion of diagnostic tests and disease findings

### 3) Selected aspects of management (workplace/population-level):

- Student preparation (*outside of class*):

- Review/read resources, including occupational safety and health standards, if applicable, covering disease prevention and management at the workplace/population level
- Review scenario
- In-class:
  - Discuss scenario, including interactive discussion of population-level disease management/prevention topic (e.g. hazard evaluation, disease surveillance, policy development, health protection programs), building off weekly scenario

*For clinical students/students enrolled in the four-credit course option, there will be an additional clinical laboratory each week focusing on diagnosis and clinical management:*

#### 4) Clinical Laboratory – differential diagnosis, clinical management

- *Student preparation:*
  - *Review/read resources covering differential diagnosis and management*
  - *View pre-recorded instructor mini-lecture and guest expert video lectures (diagnosis and management)*
  - *Complete clinical lab quiz*

[1] <http://www.washington.edu/teaching/teaching-resources/flipping-the-classroom/> <sup>↗</sup>  
(<http://www.washington.edu/teaching/teaching-resources/flipping-the-classroom/>)

## Remote Participation

This class is being conducted remotely. Students will participate remotely using the [ZOOM video conferencing platform](#) <sup>↗</sup> [\(https://zoom.us/\)](https://zoom.us/). Zoom requires a computer or laptop with a built-in camera, microphone, and reliable Wi-Fi or Ethernet connection. First time users will be prompted to download and install a desktop client application (which may require administrative permissions if the computer is centrally managed). Users may log into UW Zoom Video Conferencing by following instructions available [here](#) <sup>↗</sup> [\\_\(https://itconnect.uw.edu/connect/phones/conferencing/zoom-video-conferencing/zoom-software/#dl\)](https://itconnect.uw.edu/connect/phones/conferencing/zoom-video-conferencing/zoom-software/#dl), and join a UW Zoom meeting by following instructions available [here](#) <sup>↗</sup> [\(https://itconnect.uw.edu/connect/phones/conferencing/zoom-video-conferencing/join-meeting/\)](https://itconnect.uw.edu/connect/phones/conferencing/zoom-video-conferencing/join-meeting/). Zoom meeting information for this class is:

Zoom link: <https://uw-phi.zoom.us/j/95093273719> <sup>↗</sup> [\\_\(https://uw-phi.zoom.us/j/95093273719\)](https://uw-phi.zoom.us/j/95093273719) <sup>↗</sup>  
[\\_\(https://uw-phi.zoom.us/j/536847993\)](https://uw-phi.zoom.us/j/536847993)

Though computer audio is preferred, as a back-up, phone audio is also available:

One tap mobile:

+12532158782, 95093273719# US (Tacoma)

+12063379723, 95093273719# US (Seattle)

Meeting ID: 950 9327 3719

## Course Requirements

High-yield readings and review of multimedia resources combined with instructor-led discussions and interactive activities in class, discussion postings, weekly reflections, epidemiology/pathophysiology quizzes, student-led final presentations, and clinically-oriented quizzes (4-credit/clinically-oriented students only), will test students' ability to demonstrate application of knowledge.

### Evaluation methods:

**Epidemiology/pathophysiology quizzes:** There will be approximately weekly quizzes focused on disease epidemiology and pathophysiology. The quiz format will include multiple-choice and matching.

**Discussion posting:** There will be a discussion board focused on current events & emerging issues relevant to occupational and environmental diseases. The goals of the discussion board are to build a sense of community and allow for the integration of real-world experience with course materials. Every week, the instructor will post an article or multi-media content and a prompt for students to respond to. No specific length is required for student posts, but posts are expected to make at least one point and: 1) integrate information from the posted discussion content, other content that the student identifies, and/or class materials; and 2) make a connection to a classmate's post, instructor's comment, or an experience/perspective the student has had in the past. The role of the instructor is as an observer and facilitator, and the instructor will read all posts and participate in the discussion as appropriate.

**Final presentation:** Multidisciplinary groups of 2-6 students will be formed. Each group will choose an emerging and/or global occupational or environmental disease of interest. Groups will present an approximately 20-30 minute overview of the chosen disease covering information about what is known about the exposure, disease/case epidemiology, diagnosis/case definition, population management, and clinical management (if relevant). Non-clinically-oriented students will present on clinical subtopics with guidance from clinically-oriented group members, and clinically-oriented students will present on non-clinical (e.g. exposure) subtopics with guidance from non-clinically-oriented students.

**Weekly reflection:** Once a week, students will be asked to write for instructor review a brief written reflection on one aspect of the weekly disease that were most notable to them, and why, and indicate what aspects of the course (online mini-lectures, pre-class preparatory written materials or videos, in-class question and answer sessions or discussions with peers/instructor, journal article reviews, independent learning stimulated by class discussion/materials, etc.) drew these aspects to their attention.

**Clinical lab quizzes** (4-credit/clinically-oriented students only): *There will be approximately weekly quizzes focused on diagnosis/management/clinical lab content. The quiz format will include multiple-choice and short answer questions.*

## Readings and Other Preparatory Materials

All readings, videos, and other materials will be posted on the class website. All students are expected to be able to access class materials via the course website. If this presents a problem, students are expected to let the instructor know immediately.

Please be advised that to use the electronic material on the course website, you must agree to the following statement:

The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted materials. Under certain conditions specified in the law, libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be used for any purpose other than private study, scholarship, or research. If a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of fair use that user may be liable for copyright infringement.

**Course Textbook:** Rosenstock, L. Textbook of Clinical Occupational and Environmental Medicine, 2<sup>nd</sup> edition (2005).

### **Student Evaluation:**

Course grades will be determined on the basis of:

	<b>Three-credit option</b>	<b><i>Four-credit option (clinically-oriented students)</i></b>
<b>Individual products (75%)</b>		
Background/epi/pathophys quizzes	20%	10%
Final presentation	55%	45%
Weekly clinical lab quizzes	--	20%
<b>Other (25%)</b>		
Weekly reflection	10%	10%
Discussion posting	15%	15%

Assignment of numeric grades will use UW Department of Health Services grading guidelines for graduate students. More details are available at <http://depts.washington.edu/hserv/grading>. [↗](http://depts.washington.edu/hserv/grading)  
(<http://depts.washington.edu/hserv/grading>)

3.9-4.0 Excellent and exceptional work ...for a graduate student

3.7-3.8 Strong work

3.4-3.6 Competent and sound work (*default category*)

3.2-3.3 Adequate work, although some weaknesses are evident

2.9-3.1 Borderline work

2.7-2.8 Deficient but acceptable work

<2.7 Unacceptable work

## Access and Accommodations

Your experience in this class is important to us, and it is the policy and practice of the University of Washington to create inclusive and accessible learning environments consistent with federal and state law. If you experience barriers based on a disability or temporary health condition, please seek a meeting with Disability Resources for Students (DRS) to discuss and address them. If you have already established accommodations with DRS, please communicate your approved accommodations to your instructor at your earliest convenience so we can discuss your needs in this course.

DRS offers resources and coordinates reasonable accommodations for students with disabilities and/or temporary health conditions. Reasonable accommodations are established through an interactive process between you, your instructor(s) and DRS. If you have not yet established services through DRS, but have a temporary health condition or permanent disability that requires accommodations (this can include but not limited to; mental health, attention-related, learning, vision, hearing, physical or health impacts), you are welcome to contact DRS at 206-543-8924 or [uwdrs@uw.edu](mailto:uwdrs@uw.edu) (<mailto:uwdrs@uw.edu>) or [disability.uw.edu](http://depts.washington.edu/uwdrs/) <sup>↗</sup> (<http://depts.washington.edu/uwdrs/>).

## Academic Integrity

Students at the University of Washington (UW) are expected to maintain the highest standards of academic conduct, professional honesty, and personal integrity. The UW School of Public Health (SPH) is committed to upholding standards of academic integrity consistent with the academic and professional communities of which it is a part. Plagiarism, cheating, and other misconduct are serious violations of the University of Washington Student Conduct Code (WAC 478-120). We expect you to know and follow the university's policies on cheating and plagiarism, and the [SPH Academic Integrity Policy](http://sph.washington.edu/students/academicintegrity/) <sup>↗</sup> (<http://sph.washington.edu/students/academicintegrity/>). Any suspected cases of academic misconduct will be handled according to University of Washington regulations. For more information, see the University of Washington Community Standards and Student Conduct website.

Note: The content and format of this course were developed by reviewing existing requirements/guidelines/needs relevant to the target student audience and surveying faculty and student

representatives from target student audience programs. ↗ [\(http://www.washington.edu/teaching/teaching-resources/flipping-the-classroom/\)](http://www.washington.edu/teaching/teaching-resources/flipping-the-classroom/).

## Course Summary:

Date	Details	
Thu Oct 1, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1566470&amp;include_contexts=course_1397926">Synchronous Session 1: Course Intro (https://canvas.uw.edu/calendar?event_id=1566470&amp;include_contexts=course_1397926)</a>	3:30pm to 5:20pm
Tue Oct 6, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5635164">Asbestosis background/epi/pathophys quiz (https://canvas.uw.edu/courses/1397926/assignments/5635164)</a>	due by 11:59pm
Tue Oct 6, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623931">To do for asbestosis background &amp; epidemiology, pathophysiology &amp; diagnosis (https://canvas.uw.edu/courses/1397926/assignments/5623931)</a>	due by 11:59pm
Thu Oct 8, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1566468&amp;include_contexts=course_1397926">Synchronous Session 2: Asbestosis Management (https://canvas.uw.edu/calendar?event_id=1566468&amp;include_contexts=course_1397926)</a>	3:30pm to 5:20pm
Thu Oct 8, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5774641">Asbestos -- due Thursday Oct 8, 2020 at 3:30pm (before class) (https://canvas.uw.edu/courses/1397926/assignments/5774641)</a>	due by 3:30pm
Thu Oct 8, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623939">To do before asbestosis management class (https://canvas.uw.edu/courses/1397926/assignments/5623939)</a>	due by 3:30pm
Fri Oct 9, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623926">Asbestosis differential diagnosis and clinical management (required for 4-credit/clinically-oriented students only) (https://canvas.uw.edu/courses/1397926/assignments/5623926)</a>	due by 11:59pm
Fri Oct 9, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623940">To do before asbestosis clinical lab (required for 4-credit/clinically-oriented students only) (https://canvas.uw.edu/courses/1397926/assignments/5623940)</a>	due by 11:59pm

Date	Details	
Tue Oct 13, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5636385">ACD background/epi/pathophys quiz</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5636385"> (https://canvas.uw.edu/courses/1397926/assignments/5636385)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623943">To do for ACD background &amp; epi, diagnosis &amp; pathophys</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623943"> (https://canvas.uw.edu/courses/1397926/assignments/5623943)</a>	due by 11:59pm
Thu Oct 15, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1566478&amp;include_contexts=course_1397926">Synchronous Session 3: ACD Management</a> <a href="https://canvas.uw.edu/calendar?event_id=1566478&amp;include_contexts=course_1397926"> (https://canvas.uw.edu/calendar?event_id=1566478&amp;include_contexts=course_1397926)</a>	3:30pm to 5:20pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5636366">To do before ACD management class</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5636366"> (https://canvas.uw.edu/courses/1397926/assignments/5636366)</a>	due by 3:30pm
Fri Oct 16, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623922">ACD differential diagnosis and management (required for 4-credit/clinically-oriented students only)</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623922"> (https://canvas.uw.edu/courses/1397926/assignments/5623922)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623944">To do before ACD clinical lab (required for 4-credit/clinically-oriented students only)</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623944"> (https://canvas.uw.edu/courses/1397926/assignments/5623944)</a>	due by 11:59pm
Tue Oct 20, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5636821">Low back MSD background/epi/pathophys quiz</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5636821"> (https://canvas.uw.edu/courses/1397926/assignments/5636821)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623932">To do for low back MSD background &amp; epi, diagnosis &amp; pathophys</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623932"> (https://canvas.uw.edu/courses/1397926/assignments/5623932)</a>	due by 11:59pm
Thu Oct 22, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1566477&amp;include_contexts=course_1397926">Synchronous Session 4: Low Back MSD Management</a> <a href="https://canvas.uw.edu/calendar?event_id=1566477&amp;include_contexts=course_1397926"> (https://canvas.uw.edu/calendar?event_id=1566477&amp;include_contexts=course_1397926)</a>	3:30pm to 5:20pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5798507">Low back MSD - due Thursday, October 22 @ 3:30pm</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5798507"> (https://canvas.uw.edu/courses/1397926/assignments/5798507)</a>	due by 3:30pm

Date	Details
	<p> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623933">To do before low back MSD management class</a> due by 3:30pm (<a href="https://canvas.uw.edu/courses/1397926/assignments/5623933">https://canvas.uw.edu/courses/1397926/assignments/5623933</a>)</p>
Fri Oct 23, 2020	<p> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623928">Low back MSD differential diagnosis and management (required for 4-credit/clinically-oriented students only)</a> due by 11:59pm (<a href="https://canvas.uw.edu/courses/1397926/assignments/5623928">https://canvas.uw.edu/courses/1397926/assignments/5623928</a>)</p>
	<p> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623934">To do before back MSD clinical lab (required for 4-credit/clinically-oriented students only)</a> due by 11:59pm (<a href="https://canvas.uw.edu/courses/1397926/assignments/5623934">https://canvas.uw.edu/courses/1397926/assignments/5623934</a>)</p>
Tue Oct 27, 2020	<p> <a href="https://canvas.uw.edu/courses/1397926/assignments/5637743">CTS background/epi/pathophys quiz</a> due by 11:59pm (<a href="https://canvas.uw.edu/courses/1397926/assignments/5637743">https://canvas.uw.edu/courses/1397926/assignments/5637743</a>)</p>
	<p> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623935">To do for CTS background &amp; epidemiology, pathophysiology &amp; diagnosis</a> due by 11:59pm (<a href="https://canvas.uw.edu/courses/1397926/assignments/5623935">https://canvas.uw.edu/courses/1397926/assignments/5623935</a>)</p>
Thu Oct 29, 2020	<p> <a href="https://canvas.uw.edu/calendar?event_id=1572077&amp;include_contexts=course_1397926">Synchronous Session 5: CTS Management</a> 3:30pm to 5:20pm (<a href="https://canvas.uw.edu/calendar?event_id=1572077&amp;include_contexts=course_1397926">https://canvas.uw.edu/calendar?event_id=1572077&amp;include_contexts=course_1397926</a>)</p>
	<p> <a href="https://canvas.uw.edu/courses/1397926/assignments/5811065">CTS - due Thursday, October 29 @ 3:30pm</a> due by 3:30pm (<a href="https://canvas.uw.edu/courses/1397926/assignments/5811065">https://canvas.uw.edu/courses/1397926/assignments/5811065</a>)</p>
	<p> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623936">To do before CTS management class</a> due by 3:30pm (<a href="https://canvas.uw.edu/courses/1397926/assignments/5623936">https://canvas.uw.edu/courses/1397926/assignments/5623936</a>)</p>
Fri Oct 30, 2020	<p> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623937">To do in lieu of CTS clinical lab (required for 4-credit, clinically-oriented students only)</a> due by 11:59pm (<a href="https://canvas.uw.edu/courses/1397926/assignments/5623937">https://canvas.uw.edu/courses/1397926/assignments/5623937</a>)</p>

Date	Details	
Tue Nov 3, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5657529">Lead neuropathy background/epi/pathophys quiz (https://canvas.uw.edu/courses/1397926/assignments/5657529)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5637773">To do for lead background &amp; epi, diagnosis &amp; pathophys (https://canvas.uw.edu/courses/1397926/assignments/5637773)</a>	due by 11:59pm
Thu Nov 5, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1579166&amp;include_contexts=course_1397926">Synchronous Session 6: Lead Neuropathy Management (https://canvas.uw.edu/calendar?event_id=1579166&amp;include_contexts=course_1397926)</a>	3:30pm to 5:20pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623941">To do before lead management class (https://canvas.uw.edu/courses/1397926/assignments/5623941)</a>	due by 3:30pm
Fri Nov 6, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623929">Lead neuropathy differential diagnosis and management (required for 4-credit/clinically-oriented students) (https://canvas.uw.edu/courses/1397926/assignments/5623929)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623942">To do before lead clinical lab (required for 4-credit/clinically-oriented students) (https://canvas.uw.edu/courses/1397926/assignments/5623942)</a>	due by 11:59pm
Tue Nov 10, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5657937">NIHL background/epi/pathophys quiz (https://canvas.uw.edu/courses/1397926/assignments/5657937)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5657934">To do for NIHL background &amp; epi, diagnosis &amp; pathophys (https://canvas.uw.edu/courses/1397926/assignments/5657934)</a>	due by 11:59pm
Thu Nov 12, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1579231&amp;include_contexts=course_1397926">Synchronous Session 7: NIHL Management (https://canvas.uw.edu/calendar?event_id=1579231&amp;include_contexts=course_1397926)</a>	3:30pm to 5:20pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5657972">To do before NIHL management class (https://canvas.uw.edu/courses/1397926/assignments/5657972)</a>	due by 3:30pm

Date	Details	
Fri Nov 13, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623924">NIHL Clinical Lab (required for 4-credit/clinically-oriented students)</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5623924">https://canvas.uw.edu/courses/1397926/assignments/5623924</a> )	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5657973">To do before NIHL clinical lab (required for 4-credit/clinically-oriented students)</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5657973">https://canvas.uw.edu/courses/1397926/assignments/5657973</a> )	due by 11:59pm
Tue Nov 17, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5658015">Silicosis background/epi/pathophys quiz</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5658015">https://canvas.uw.edu/courses/1397926/assignments/5658015</a> )	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623945">To do for silicosis background &amp; epi, diagnosis &amp; pathophys</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5623945">https://canvas.uw.edu/courses/1397926/assignments/5623945</a> )	due by 11:59pm
Thu Nov 19, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1579241&amp;include_contexts=course_1397926">Synchronous Session 8: Silicosis Management</a> ( <a href="https://canvas.uw.edu/calendar?event_id=1579241&amp;include_contexts=course_1397926">https://canvas.uw.edu/calendar?event_id=1579241&amp;include_contexts=course_1397926</a> )	3:30pm to 5:20pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623946">To do before silicosis management class</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5623946">https://canvas.uw.edu/courses/1397926/assignments/5623946</a> )	due by 3:30pm
Fri Nov 20, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623927">Silicosis Clinical Lab: ILD Clinical Cases (required for 4-credit/clinically-oriented students)</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5623927">https://canvas.uw.edu/courses/1397926/assignments/5623927</a> )	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623947">To do before silicosis clinical lab (required for 4-credit, clinically-oriented students only)</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5623947">https://canvas.uw.edu/courses/1397926/assignments/5623947</a> )	due by 11:59pm
Tue Nov 24, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5658064">CSE background/epi/pathophys quiz</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5658064">https://canvas.uw.edu/courses/1397926/assignments/5658064</a> )	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623948">To do for CSE background &amp; epi, diagnosis &amp; pathophys</a> ( <a href="https://canvas.uw.edu/courses/1397926/assignments/5623948">https://canvas.uw.edu/courses/1397926/assignments/5623948</a> )	due by 11:59pm

Date	Details	
Mon Nov 30, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623925">CSE differential diagnosis and management (required for 4-credit/clinically-oriented students)</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623925"> (https://canvas.uw.edu/courses/1397926/assignments/5623925)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623950">To do before CSE clinical lab (required for 4-credit, clinically-oriented students only)</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623950"> (https://canvas.uw.edu/courses/1397926/assignments/5623950)</a>	due by 11:59pm
Tue Dec 1, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5658151">OA background/epi/pathophys quiz</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5658151"> (https://canvas.uw.edu/courses/1397926/assignments/5658151)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623951">To do for OA background &amp; epi, diagnosis &amp; pathophys</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623951"> (https://canvas.uw.edu/courses/1397926/assignments/5623951)</a>	due by 11:59pm
Thu Dec 3, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1579340&amp;include_contexts=course_1397926">Synchronous Session 10: OA Management</a> <a href="https://canvas.uw.edu/calendar?event_id=1579340&amp;include_contexts=course_1397926"> (https://canvas.uw.edu/calendar?event_id=1579340&amp;include_contexts=course_1397926)</a>	3:30pm to 5:20pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623952">To do before OA management class</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623952"> (https://canvas.uw.edu/courses/1397926/assignments/5623952)</a>	due by 3:30pm
Fri Dec 4, 2020	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623923">Occupational Asthma Clinical Lab (required for 4-credit/clinically-oriented students)</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623923"> (https://canvas.uw.edu/courses/1397926/assignments/5623923)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5623953">To do before OA clinical lab (required for 4-credit, clinically-oriented students only)</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5623953"> (https://canvas.uw.edu/courses/1397926/assignments/5623953)</a>	due by 11:59pm
Thu Dec 10, 2020	 <a href="https://canvas.uw.edu/calendar?event_id=1579341&amp;include_contexts=course_1397926">Synchronous Session 11: Wrap-up and Emerging/global/environmental diseases (student presentations)</a> <a href="https://canvas.uw.edu/calendar?event_id=1579341&amp;include_contexts=course_1397926"> (https://canvas.uw.edu/calendar?event_id=1579341&amp;include_contexts=course_1397926)</a>	3:30pm to 5:20pm
	 <a href="https://canvas.uw.edu/courses/1397926/assignments/5787157">ACD - due Thursday, October 15 @ 3:30pm</a> <a href="https://canvas.uw.edu/courses/1397926/assignments/5787157"> (https://canvas.uw.edu/courses/1397926/assignments/5787157)</a>	

**Date**

**Details**

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 [OPTIONAL CSE Management To Do  
\(https://canvas.uw.edu/courses/1397926/assignments/5623949\)](https://canvas.uw.edu/courses/1397926/assignments/5623949)

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