The University Of Toledo

NEW COURSE PROPOSAL

* denotes required fields

1. College: Medicine
   - Select a College: Medicine

   Department: Public Health
   - Select a Department: Public Health

   Contact Person: Shery Milz
   Phone: 388.397 0453

2. Alpha/Numeric Code (Subject area - number): PubH 572

3. Proposed title: Exposure Assessment Strategies
   Proposed effective term: Summer 2012

4. Planned enrollment per section: 10-15
   per term: 10-15

5. Is the course cross-listed with another academic unit? ☐ Yes ☑ No

6. Is the course offered at more than one level? ☐ Yes ☑ No

   If yes to either question, please list additional Alpha/Numeric codes, and
   submit a separate New Course form or Course Modification form for the
   course(s) referenced below.

   a. 
   b. 
   c. 

   Approval of other academic unit (signature):

   Name and title:

   If course is to be offered at more than one level, attach an explanation of the different requirements that students must meet for each level. If the requirements are the same for each level, justification must be provided.

7. Credit hours: Fixed: 3

8. Delivery Mode:
   - Primary: Lecture
   - Secondary: 
   - Tertiary: 

   a. Activity Type: ☑ Lecture
      - Select Type:
   
   b. Minimum Credit Hours

   c. Maximum Credit Hours

   e. Weekly Contact Hours

9. Terms offered: ☑ Fall ☐ Spring ☑ Summer

Will this course impact program requirements? ☑ Yes ☐ No If yes, a Program Modification must be completed.

Type of course (check all that apply):
☐ Academic Skills Enhancement ☐ Writing Intensive (WAC) ☐ Honors
☐ Univ. Core: ☐ English ☐ Hum ☐ Math ☐ Nat. Sciences ☐ Social Sciences

Multicultural: ☐ Diversity of US Culture ☐ Non-US Culture


(If course is considered as core curriculum, question 18 must be completed)

Administrative Use Only

Code: 

Approved (senate or Grad Council): 

Effective Date: / / (mm/dd/yyyy)

CIP Code: 

Sub: Prog: Level: 

*Choices are: Lecture, Recitation, Seminar, Regular Lab, Open Lab, Studio, Clinic, Field, Independent Study, Workshop, Computer Assisted Instruction, Other

http://curriculumtracking.utoledo.edu/NewCourse.asp

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10. Are students permitted to register for more than one section during a term? X No  ○ Yes

May the courses be repeated for credit? X No  ○ Yes

11. Grading System:

Undergraduate
○ Normal Grading (A-F, PS/NC, PR, I)
○ Passing Grade/No Credit (A-C, NC)
○ Credit/No Credit
○ Grade Only (A-F, PR, I)
○ Audit only
○ No Grade

Graduate
X Normal Grading (A-F, PS/NC, PR, I)
○ Grade Only (A-F)
○ Satisfactory/Unsatisfactory (G only)
○ Audit only
○ No Grade

12. Prerequisites (must be taken before):
   a. PUCH 100
   ○ PIN (Permission From Instructor)
   ○ PDP (Permission From Department)
   ○ No Grade

13. If course is to replace an existing, course(s) will be deleted, and when should that deletion occur?

   Course to be removed from inventory          Final Term to be offered (YYYY, i.e. use 2006 for Fall'06)
   a.                                      
   b.                                      
   c.                                      
   d.                                      

14. Catalog description* (30 words Maximum)

   Exposure assessment is an integral part of occupational and environmental health. This course will focus on the statistics and methods needed to assess exposures in the workplace.

15. Attach an electronic copy of a complete outline of the major topics covered.

   Syllabus: *
   Additional Attachment 1:
   Additional Attachment 2:

16. Where does this course fit in the University/College/Department curriculum? (Be specific by course level, if applicable). Indicate prospective demand.

   Elective for MPH students and MSOH students

17. If the proposed course is similar to another course in the College or University, please describe the difference and provide a rationale for the duplication. (If this course duplicates material covered in another course within your department or college or in another college, attach a letter of endorsement from that area's dean and department chairperson indicating their support. Clarify the manner in which this course will differ).

18. If the course is intended to meet a University Undergraduate Core requirement, complete the following and submit a course syllabus using the template:
   Please explain how this course fulfills the general education guidelines. (Guidelines are available in Faculty Senate Website)

Course Approval:

Department Curriculum Authority:

Department Chairperson:

College Curriculum Authority:

College Dean:

After college approval, submit the original signed form to the Faculty Senate (UH 3320) for undergraduate-level courses; for graduate-level courses submit the original signed form to the Graduate School (UH 2320). For undergraduate/graduate dual-level courses, submit the proposals to each office.

Faculty Senate Undergrad. Curriculum Comm.:

Faculty Senate Core Curriculum Comm.:

Graduate Council:

Office of the Provost:

Registrar's Office:

Submit New Course Proposal

You will see a confirmation page after you press the “Submit” button. If you do not see the confirmation page, please call x 4320 or send an email to Provost/WebMaster.utoledo.edu. Thanks.

http://curriculumtracking.utoledo.edu/NewCourse.asp

8/29/2011
University of Toledo – Health Science Campus
Department of Public Health
COURSE SYLLABUS
PUBH 572 – Exposure Assessment Strategies
Summer 2012

Coordinator: Shery Milz, PhD, CIH
Associate Professor, Department of Public Health

Instructors: Shery Milz, PhD, CIH
Associate Professor, Department of Public Health
Room 4418 Collier
(419) 383-3976
sheryl.milz@utoledo.edu

Location: Collier Building, Room xxx

Time: Tuesdays, 5:00 – 8:45 pm
5/15, 5/22, 5/29, 6/5, 6/12, 6/26, 7/10, 7/17, 7/24, 7/31, 8/7

Required Textbook:

Course Description:
Exposure assessment is an integral part of occupational and environmental health. This course will focus on the statistics and methods needed to assess exposures in the workplace.

Course Learning Objectives:
1. Describe in detail the exposure assessment strategy developed by AIHA.
2. Calculate the statistics necessary to reach an exposure assessment decision.
3. Make decisions on the acceptability of exposures.
4. Apply exposure assessment strategy guidelines to make qualitative judgments.
5. Apply verbal, written, and computer communication skills.
6. Follow ethical and professional guidelines and standards.
Course Policies:

Attendance: Mandatory

Grades: Points breakdown: 400 points available for the semester

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projects</td>
<td>300 points (50 points each for 6 projects)</td>
</tr>
<tr>
<td>Portfolio</td>
<td>100 points</td>
</tr>
<tr>
<td>A</td>
<td>372-400 points</td>
</tr>
<tr>
<td>A-</td>
<td>360-371 points</td>
</tr>
<tr>
<td>B+</td>
<td>348-359 points</td>
</tr>
<tr>
<td>B</td>
<td>332-347 points</td>
</tr>
<tr>
<td>B-</td>
<td>320-331 points</td>
</tr>
<tr>
<td>C+</td>
<td>308-319 points</td>
</tr>
<tr>
<td>C</td>
<td>280-307 points</td>
</tr>
<tr>
<td>F</td>
<td>0-279 points</td>
</tr>
</tbody>
</table>

Independent Assignments: All assignments must be completed individually, unless stated otherwise.

Group Assignments: There are no group assignments.

Citations: All assignments must contain appropriate citations of references. Acts of plagiarism and copying of other work will not be tolerated.

Ethical Behavior and Practice: All students are expected to follow the requirements established for the course. In addition, students must read and understand the applicable expectations for ethical behavior and practice stated in the Student Handbook established by the UT College of Graduate Studies and/or the Northwest Ohio Consortium for Public Health.

Projects: Each of the projects will be posted in Blackboard. Due dates for the projects are: June 5 for project 1, June 12 for project 2, June 26 for project 3, July 17 for project 4, July 24 for project 5, and August 7 for project 6. All projects must be typed in Word and must be submitted to Dr. Milz before 5:00 pm on the due date as an attachment through the Blackboard course site.

Portfolio: Prepare an electronic portfolio consisting of all projects, course notes, and other supporting materials. You must submit the organized materials electronically on a CD. Electronic folders/files separating topics/subtopics is mandatory. Keep in mind that you will be able to use it as a future reference. The portfolio is due before 5:00 pm on August 7. You can submit the CDs directly to Dr. Milz in Room 4418 Collier Building. If she is not in her office, please slide the CD under the door or give it to Mary Alderman. The CD cover must have the following information:

PUBH 572 – Exposure Assessment Strategies 
Portfolio – Summer 2012
Name
<table>
<thead>
<tr>
<th>Session</th>
<th>Class Date</th>
<th>Topic</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5/15</td>
<td>TWAs and OELs; Review Sampling Strategies; IH Stats</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5/22</td>
<td>Basic Characterization; Establishing SEGs</td>
<td>1 – 4</td>
</tr>
<tr>
<td>3</td>
<td>5/29</td>
<td>Defining and Judging Exposure Profiles; Further Information Gathering</td>
<td>5 – 6</td>
</tr>
<tr>
<td>4</td>
<td>6/5</td>
<td>Quantitative Exposure Data; Reassessment; Recordkeeping and Reporting</td>
<td>7 – 10</td>
</tr>
<tr>
<td>5</td>
<td>6/12</td>
<td>Modeling</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>6/26</td>
<td>Modeling</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>7/10</td>
<td>Stressors I – Biological Agents, Dermal, Noise</td>
<td>11 – 13</td>
</tr>
<tr>
<td>8</td>
<td>7/17</td>
<td>Stressors II – Ergonomics, Nonionizing Radiation, Ionizing Radiation</td>
<td>14 – 16</td>
</tr>
<tr>
<td>10</td>
<td>7/31</td>
<td>Decision Making Tools – Bayesian, Health Hazard Control, Evaluation and Validation, Control Banding, Mixtures</td>
<td>21 – 25</td>
</tr>
<tr>
<td>11</td>
<td>8/7</td>
<td>Dermal Exposure Assessment; Uncertainty Analysis; Exposure Control Charts; Data Management; Censored Data</td>
<td>II, III, VI, VII, VIII</td>
</tr>
</tbody>
</table>