

**1. General Information**

1a. Submitted by the College of: PUBLIC HEALTH

Date Submitted: 10/30/2015

1b. Department/Division: Dept Of Epidemiology

1c. Contact Person

Name: Andrea Perkins

Email: andrea.perkins@uky.edu

Phone: 218-2021

Responsible Faculty ID (if different from Contact)

Name: Steve Browning

Email: srbrown@uky.edu

Phone: 218-2235

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

**2. Designation and Description of Proposed Course**

2a. Will this course also be offered through Distance Learning?: No

2b. Prefix and Number: CPH 716

2c. Full Title: Proseminar in Occupational Health and Safety

2d. Transcript Title:

2e. Cross-listing:

2f. Meeting Patterns

SEMINAR: 1

2g. Grading System: Graduate School Grade Scale

2h. Number of credit hours: 0-1

2i. Is this course repeatable for additional credit? Yes

If Yes: Maximum number of credit hours: 1

If Yes: Will this course allow multiple registrations during the same semester? No

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2j. **Course Description for Bulletin:** This course will provide students, in a seminar format for 6 sessions during the semester, presentations from occupational health and safety professionals from a variety of disciplines and experiences. The seminar is 2.5 hours long at each session. Knowledge regarding workplace exposures and related health outcomes will be provided. Students should acquire basic understanding of current topics in the fields of occupational medicine, nursing, safety, industrial hygiene, epidemiology, biostatistics, mining, and agriculture.

2k. **Prerequisites, if any:** None

2l. **Supplementary Teaching Component:**

3. **Will this course taught off campus?** No

If YES, enter the off campus address:

4. **Frequency of Course Offering:** Fall,

Will the course be offered every year?: Yes

If No, explain:

5. **Are facilities and personnel necessary for the proposed new course available?:** Yes

If No, explain:

6. **What enrollment (per section per semester) may reasonably be expected?:** 10

7. **Anticipated Student Demand**

Will this course serve students primarily within the degree program?: No

Will it be of interest to a significant number of students outside the degree pgm?: No

If Yes, explain:

8. **Check the category most applicable to this course:** Relatively New – Now Being Widely Established,

If No, explain:

9. **Course Relationship to Program(s).**

a. **Is this course part of a proposed new program?:** No

If YES, name the proposed new program:

b. **Will this course be a new requirement for ANY program?:** No

If YES, list affected programs:

10. **Information to be Placed on Syllabus.**

a. **Is the course 400G or 500?:** No

b. **The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from 10.a above) are attached:** Yes

## Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?

6. How do course requirements ensure that students make appropriate use of learning resources?

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? NO

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

SIGNATURE|ALHAYS0|Andrea L Perkins|CPH 716 NEW College Review|20151030

SIGNATURE|ZNNIKO0|Roshan Nikou|CPH 716 NEW Graduate Council Review|20151210

### New Course Form

<https://myuk.uky.edu/sap/bc/soap/rfc?services=>

Open in full window to print or save

Generate R

**Attachments:**

Upload File

ID	Attachment
Delete 5686	CPH 716 ProseminarOccSafetyHealthSyllabus_Oct2015.

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(\*denotes required fields)

**1. General Information**

a. \* Submitted by the College of: PUBLIC HEALTH  Submission Date: 10/30/2015

b. \* Department/Division: Dept Of Epidemiology

c.

\* Contact Person Name: Andrea Perkins Email: andrea.perkins@uky.edu Phone: 218-2021

\* Responsible Faculty ID (if different from Contact): Steve Browning Email: srbrown@uky.edu Phone: 218-2235

d. \* Requested Effective Date:  Semester following approval OR  Specific Term/Year<sup>1</sup>

e. Should this course be a UK Core Course?  Yes  No

If YES, check the areas that apply:

Inquiry - Arts & Creativity  Composition & Communications - II

Inquiry - Humanities  Quantitative Foundations

Inquiry - Nat/Math/Phys Sci  Statistical Inferential Reasoning

Inquiry - Social Sciences  U.S. Citizenship, Community, Diversity

Composition & Communications - I  Global Dynamics

**2. Designation and Description of Proposed Course.**

a. \* Will this course also be offered through Distance Learning?  Yes<sup>4</sup>  No

b. \* Prefix and Number: CPH 716

c. \* Full Title: Proseminar in Occupational Health and Safety

d. Transcript Title (if full title is more than 40 characters):

e. To be Cross-Listed<sup>2</sup> with (Prefix and Number):

f. \* Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours<sup>3</sup> for each meeting pattern type.

<input type="checkbox"/> Lecture	<input type="checkbox"/> Laboratory <sup>1</sup>	<input type="checkbox"/> Recitation	<input type="checkbox"/> Discussion
<input type="checkbox"/> Indep. Study	<input type="checkbox"/> Clinical	<input type="checkbox"/> Colloquium	<input type="checkbox"/> Practicum
<input type="checkbox"/> Research	<input type="checkbox"/> Residency	<input type="checkbox"/> 1 Seminar	<input type="checkbox"/> Studio
<input type="checkbox"/> Other	If Other, Please explain:		

g. \* Identify a grading system:

Letter (A, B, C, etc.)

Pass/Fail

Medicine Numeric Grade (Non-medical students will receive a letter grade)

Graduate School Grade Scale

h. \* Number of credits: 0-1

i. \* Is this course repeatable for additional credit?  Yes  No

If YES: Maximum number of credit hours: 1

If YES: Will this course allow multiple registrations during the same semester?  Yes  No

## j. \* Course Description for Bulletin:

This course will provide students, in a seminar format for 6 sessions during the semester, presentations from occupational health and safety professionals from a variety of disciplines and experiences. The seminar is 2.5 hours long at each session. Knowledge regarding workplace exposures and related health outcomes will be provided. Students should acquire basic understanding of current topics in the fields of occupational medicine, nursing, safety, industrial hygiene, epidemiology, biostatistics, mining, and agriculture.

## k. Prerequisites, if any:

None

l. Supplementary teaching component, if any:  Community-Based Experience  Service Learning  Both3. \* Will this course be taught off campus?  Yes  No

If YES, enter the off campus address:

## 4. Frequency of Course Offering.

a. \* Course will be offered (check all that apply):  Fall  Spring  Summer  Winter

b. \* Will the course be offered every year?  Yes  No

If No, explain:

5. \* Are facilities and personnel necessary for the proposed new course available?  Yes  No

If No, explain:

## 6. \* What enrollment (per section per semester) may reasonably be expected? 10

## 7. Anticipated Student Demand.

a. \* Will this course serve students primarily within the degree program?  Yes  No

b. \* Will it be of interest to a significant number of students outside the degree pgm?  Yes  No

If YES, explain:

## 8. \* Check the category most applicable to this course:

- Traditional – Offered in Corresponding Departments at Universities Elsewhere  
 Relatively New – Now Being Widely Established  
 Not Yet Found in Many (or Any) Other Universities

## 9. Course Relationship to Program(s).

a. \* Is this course part of a proposed new program?  Yes  No

If YES, name the proposed new program:

b. \* Will this course be a new requirement <sup>5</sup> for ANY program?  Yes  No

If YES <sup>5</sup>, list affected programs:

## 10. Information to be Placed on Syllabus.

a. \* Is the course 400G or 500?  Yes  No

If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identify additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR

b.  \* The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable above) are attached.

<sup>1</sup> Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.  
<sup>2</sup> The chair of the cross-listing department must sign off on the Signature Routing Log.

⚠ In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, requires two hours per week for a semester for one credit hour. (from SR 5.2.1)

⚠ You must also submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.

⚠ In order to change a program, a program change form must also be submitted.

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**UNIVERSITY OF KENTUCKY  
COLLEGE OF PUBLIC HEALTH**

**Course Syllabus  
CPH 716-001 ProSeminar Occupational Health and Safety  
Fall 2015**

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**The course will meet at various locations on the UK and ECU campuses or worksites within an hour's drive from Lexington, KY  
Fridays; 12:00pm – 2:30 pm; Meets for 6 session during the semester**

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**Contact information**

Instructor: Steven R. Browning, PhD  
College of Public Health  
Room 209B

Telephone: 859-218-2235

E-mail: srbrown@uky.edu

Office Hours: There are no specific office hours, but students are welcome to arrange in person meetings with Dr. Browning or to contact him by telephone or e-mail as needed.

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**Course description**

This course will provide students, in a monthly seminar format, presentations from occupational health and safety professionals from a variety of disciplines and experiences. Knowledge regarding workplace exposures and related health outcomes will be provided. Students should acquire basic understanding of current topics in the fields of occupational medicine, nursing, safety, industrial hygiene, epidemiology, biostatistics, mining, and agriculture.

**Course rationale:**

This course relates directly to the accomplishment of the educational program goals for the MPH, MS, DrPH, and PhD programs which are subsumed in the training program for the Central Appalachian Regional Education and Research Center. The goals and objectives for specific degree programs which form the core disciplines in the ERC (agricultural health and safety, nursing, occupational epidemiology, mining engineering, occupational safety and health) are described in the respective student handbooks in these programs.

**Course prerequisites**

None. However, Students are expected to have at least basic knowledge of occupational safety and health and biostatistical principles. The course is intended primarily for students enrolled as trainees in the NIOSH-sponsored Central Appalachian Education and Research Center.

**Credit**

For completion of educational requirements of the Central Appalachian Regional Education and Research Center (CARERC) students must enroll in the seminar for four semesters. The

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students will receive 0 credit for three semesters and 1 credit hour for one semester. During the semester that students take the proseminar for credit, they must provide a formal seminar presentation. Other (non-CARERC) students may also take the seminar once for 1 hour credit. There are 6 sessions each semester at 2.5 hours each for a total of 15 contact hours.

### **Course structure**

The course will consist of a monthly seminar in the format of a lecture, discussion section, debate, lab or problem exercise, or field survey. Some course materials may be provided by an online component in Blackboard. Students will be required to actively engage in the seminar through discussion and questioning of presenters. The students will be required to lead at least one seminar session (when course is taken for credit) discussing the particular occupational safety and health problem they have been studying. This presentation will usually be regarding their capstone, thesis, or dissertation topic.

### **Course Objectives/Student Learning Outcomes and related UKCPH Competencies**

<b>Program Outcomes</b>	<b>Course/Student Learning Outcomes</b>
<ol style="list-style-type: none"> <li>1. Understand the interface between occupational safety and health disciplines.</li> <li>2. Demonstrate the ability to review and critically evaluate the literature in a substantive area of research, be able to identify gaps in knowledge and be able to formulate original research hypotheses or statements.</li> <li>3. Evaluate the strengths and limitations of occupational health and safety reports and presentations.</li> <li>4. Draw appropriate inferences from data.</li> <li>5. Communicate research results orally and in writing to other health professionals.</li> <li>6. Understand the principles of study design and appropriate analyses for most typical study designs.</li> </ol>	<p>After completion of this course in the student will be:</p> <ol style="list-style-type: none"> <li>1. Familiar with occupational safety and health problems in the workplace and understand practical solutions to those problems being employed by professionals.</li> <li>2. Have knowledge of research being conducted to answer important occupational safety and health problems.</li> <li>3. Appreciate the issues associated with study design and research methods for conducting occupational health and safety research.</li> <li>4. Discuss and communicate issues concerning of occupational safety and health problems and potential solutions to those problems.</li> <li>5. Evaluate the occupational and environmental epidemiologic literature in a systematic and critical manner for assessing disease and injury associations and assessing risks.</li> </ol>

### **Textbooks and Other Materials**

Course materials will be distributed either email, Blackboard, or occasionally as handouts in class. The materials will contain a topic schedule for the course and a listing of the reading assignments. There is no required text for the class.

Required readings from journal articles, manuscripts, and other documents are listed in the daily assignments. Most of the journal articles for readings will be available as electronic documents in Blackboard. Students are responsible for securing their own copies of the readings and reviewing the materials prior to the class.

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### **Course requirements and learner evaluation**

Course grades will be based upon evaluation of the following activities:

Criteria	Points
Attendance: 6 sessions, 10 points per session	60
Class participation: 6 sessions, 10 points per session	60
Technical presentation. <ul style="list-style-type: none"><li>• Scientific and technical aspects of research project (50 points)</li><li>• Slides, graphics, and presentation clarity (50 points)</li><li>• Oral delivery / clarity in addressing questions (20 points)</li></ul>	120
<b>TOTAL</b>	<b>240</b>

The technical presentation is considered the final exam and final project for the proseminar course and is undertaken on the last scheduled seminar date for the semester.

Letter grades for the course will be assigned on a percentage basis (as given below) for the student's total score as a percentage of the total number of points possible for the course. In accordance with the Graduate School Bulletin, grading for the course will use the grading scale of the Graduate School. D grades may not be awarded to graduate students. The incomplete grade ("I") is intended only for students who are not able to complete the assigned course work on schedule due to serious illness or other highly unusual personal circumstances.

<u>Grade</u>	<u>Definition</u>	<u>%</u>	<u>Points</u>
A	High Achievement	90-100	216-240
B	Satisfactory Achievement	80-89	192-215
C	Minimum Passing grade	70-79	168-191
E	Failure	< = 69	<=167

### **Instructor expectations**

1. I expect you to attend every class session. The components are highly interrelated; missing a class will detract from the learning potential of subsequent sessions.
2. I expect you to be in the classroom and prepared to begin work at the scheduled starting time for each session.

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3. I expect you to actively participate in the discussions. This is not the type of class where you can "sit back and listen."
4. I expect (and encourage) you to provide honest and timely feedback regarding the content and process of this course throughout the semester.
5. I expect you during the semester to interactively engage with the other students and the instructor.
6. I expect you to share in the responsibility for making this course an enjoyable and beneficial learning experience.

### **Academic Integrity**

Per University policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the University may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

*Senate Rules 6.3.1* (see <http://www.uky.edu/Faculty/Senate/> for the current set of *Senate Rules*) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording, or content from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

Plagiarism includes reproducing someone else's work (including, but not limited to a published article, a book, a website, computer code, or a paper from a friend) without clear attribution. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work, which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone.

When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content, and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas, which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

### **Accommodations due to disability**

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). The DRC coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at (859) 257-2754 and via email at [drc@uky.edu](mailto:drc@uky.edu). Their web address is <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/>.

### **Religious Observances**

Students will be given the opportunity to make up work (typically, exams or assignments) when students notify their instructor that religious observances prevent the student from completing assignments according to deadlines stated in this syllabus. Students must notify the course instructor **at least two weeks prior to such an absence** and propose how to make up the missed academic work.

### **Inclement weather**

The University of Kentucky has a detailed policy for decisions to close in inclement weather. This policy is described in detail at [http://www.uky.edu/PR/News/severe\\_weather.htm](http://www.uky.edu/PR/News/severe_weather.htm) or you can call (859) 257-1754.

### **Late work policy**

It is expected that you will attend and participate in all class seminar during the semester. Please contact the instructor in advance if you cannot attend. The instructor will work with you to provide an opportunity to attend a comparable or related presentation (such as the CPH Grand Rounds series) to make up for the session missed. You are expected to present the results of your research in this seminar during the semester that you are taking the course for credit. Credit will only be awarded if the presentation is made.

### **Excused absences policy**

Students need to notify the professor of absences prior to class when possible. *Senate Rules 5.2.4.2* defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit "reasonable cause for nonattendance" by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud (859-257-3737), [http://www.uky.edu/Ombud/ForStudents\\_ExcusedAbsences.php](http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused) per University policy.

Per *Senate Rule 5.2.4.2*, students missing any graded work due to an excused absence are responsible for informing the Instructor of Record about their excused absence within one week

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following the period of the excused absence (except where prior notification is required); and for making up the missed work. The professor must give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

**Verification of Absences**

Students may be asked to verify their absences in order for them to be considered excused. *Senate Rule 5.2.4.2* states that faculty have the right to request "appropriate verification" when students claim an excused absence because of illness, or death in the family. Appropriate notification of absences due to University-related trips is required prior to the absence when feasible and in no case more than one week after the absence.

**Student Resources**

Success as a student is a collaborative effort between students, faculty and support services at the University of Kentucky. Support, through practical solutions, are available through programs and activities offered both on the web and on UK's main campus. These support services span academic, personal, social, or career interests. Please see visit <http://www.uky.edu/studentssuccess/student-resource-home> for links to assist you in finding your way, which include academic expectations and resources, advising, career services, financial resources, and student involvement. There is also an area on this site in which you can submit a request for assistance and read some FAQs. Transitioning students can find tips for studying <http://www.uky.edu/studentssuccess/where-to-study> and special events <http://www.uky.edu/studentssuccess/second-year> to aid in making a strong transition.

Technology related resources can be found at <http://www.uky.edu/ukit/techtips/students>. Did you know that the Media Depot is supported by your Student Technology Fee <http://www.uky.edu/ukit/mediadepot> and is available for you to develop multimedia presentations and multimodal communications? Further, the Media Depot also link also has copyright free music, images and video links to aid you in preparing exceptional presentations.

**Course schedule and topics**

Class	Month	Date	Topic	Faculty/Location
1	September	4	<b>Introductions and welcome to the CARERC. Orientation to the ERC program.</b>	Sanderson and Browning  (CPH 207)
2	September	18	<b>Workplace ergonomics</b>	<b>Nick Trubee, PhD</b>  CPH 207
3	October	2	<b>Use of leading measures to assess occupational safety and health performance.</b>	Scotty Dunlap, PhD  (Stratton Hall 280 on the campus of EKU)
4	October	16	<b>Occupational dermatitis</b>	Scott Prince, MD  CPH 207

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5	November	20	<b>Presentation from Safety and Hygiene from Toyota.</b>	Ken Anderson, CIH (CPH 207)
6	December	11	<b>Student Technical Presentations</b>	Browning/ Sanderson (CPH 207)