

University of Louisiana at Lafayette
College of Education
Class Syllabus

Course: HLTH 320-001

Semester: Fall 2006

Schedule: TR: 10:30-11:45

Location: Bourgeois Hall 153B

Instructor: Johan J. Adendorff, M.Ed.

Office: 132A Bourgeois Hall

Telephone: 482-6155

Office Hours: Posted

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Course Description:

Discusses environmental health issues, implications for human health, and personal responsibility for protecting the environment.

Required Text:

No text required at this time.

Conceptual Framework: The Responsive Professional

The conceptual framework of the UL Lafayette College of Education is designed to expand upon the institution's commitment to be a responsive university. Teacher candidates are expected to demonstrate knowledge, skills, and dispositions associated with the four elements of a *Responsive Professional*. Responsive Professionals demonstrate expertise in knowledge and practice. They are reflective practitioners who respect diversity and demonstrate a commitment to professionalism.

Course Objectives and Corresponding Unit Outcomes:

At the completion of this course the student will be able to;

- Define ecology and ecosystems. (Disp.7)
- Explain the hydrologic, Nitrogen and Carbon cycle. (Disp.7)
- Identify the various mechanisms of the food chain system. (Disp.7)
- Identify the acid rain/rain forest concerns in the world today.
- Apply measures to avoid environmental factors that are a threat to the quality of life. (Disp.4)(CF-K8)
- Define environmental health and give a brief history of its evolution (Disp.7)
- Enumerate the requirements for the growth of microorganisms. (Disp.7)
- Design ways to reduce noise pollution. (Disp.8)
- Address the principles of wellness in relationship to environmental issues.
- To participate in practical projects that will enhance and educate him/herself and others in implementing healthy environmental skills that can be used in their daily life experiences. (Disp.1) (CF-P4)
- Explore the historical aspects of population growth. (Disp.8)

- Explain the effects of urbanization. (Disp.7)(CF-K2)
- Discuss how to manage human environments. (Disp.5)
- Explain vector control and diseases associated with vectors. (Disp.2)
- Define communicable diseases and explain their significance. (Disp.4)
- Identify and discuss health and safety risks common to most recreational activity.
- Describe municipal wastewater treatment, its purpose and its function. (Disp.7)
- Discuss the history of solid waste management and evaluate the various methods of waste disposal. (Disp.4)(CF-P2)
- Acquire an understanding of elementary general toxicological terms. (Disp.3)
- Know where to find additional resources and information concerning chemical toxicity. (Disp.4)
- Understand and appreciate the relationship between lifestyle, emerging pathogens and food safety. (Disp.6)
- Explore health risks associated with shelter environments. Identify the major accident hazards in homes, recreational activities and transportation. (Disp.8)
- Identify and describe human diseases associated with exposure to elevated levels of air pollution. (Disp.5,7)
- Discuss the issues surrounding the need for occupational health and safety. (Disp.2)
- Explain how risk management measures can assist in development of a preventative approach, rather than a treatment approach, to environmental health. (Disp.7)(CF-K9)

Course Requirements:

Examinations:

- Three written tests worth 100 points each (total 300 points). Bring a scantron and a pencil.
- Test #1 – **Sept. 26, 2006** (tentative)
- Test #2 – **Nov. 9, 2006** (tentative)
- Test #3 - Final examination to be taken will be due during final schedule and will be administered on line. **Tuesday November 30, 2006 and must be completed within the time allotted. More details will be provided before this event takes place.**

Film Review: (50 points). Due September 5th, 2006.

Directions will be handed out in class.

Article Reviews – 5 worth 10 points each for a total of 50 points. Directions will be given in class based upon the nature of the assignment. Submit the article reviews to Moodle. Complete the article review assignment using Microsoft word or rtf (rich text file). Save the file on your hard drive, disk or CD, saving the file as: last name, first name, article review number. When you submit the file to Moodle, in the title box, use the title: last name, first name, article review number.

Example: Doe, Jane, Article Review 1

Points will be deducted for not following directions.

**Every assignment is due by 6am on the due date (see calendar).
Not accepted late.**

Current Events:

- Two current events worth 15 points each (total 30 points).
 - Find a current event pertaining to environmental health. Cut out the article or make photo copy to bring to class. Be prepared to discuss, based on fact, not emotion the impact of this environmental issue on our health. You may obtain articles from newspapers, magazines and the internet. You must turn in a copy of your article at the end of the discussion.
 - CURRENT EVENT #1 is **due: Sep. 21, 2006**
 - CURRENT EVENT #2 is **due: Oct. 26, 2006**

Group Project: Environmental Health Issue Study: Worth 100 points.

- After choosing one of the following environmental topics/issues complete the study as indicated.
 - Divide into groups of three.
 - Choose your topic.
 - Prepare and present your findings to the class based on the materials you have researched.
 - This presentation must be 15 minutes long and can be designed in any fashion except lecture. e.g. panel discussion, skit, video, overhead, internet, etc. **YOU WILL BE GRADED AS A GROUP, SO REMEMBER COMMUNICATE CLEARLY AND ASSIGN SPECIFIC RESPONSIBILITIES.**
 - Dress professional when you present.
 - Presentation: (Must be a [Power Point Presentation](#) Unless Stated Otherwise)
 - Hand in a complete copy of your presentation on disk. (50 points)
 - Organize it by chapters, include:
 - A title page
 - Content page(s)
 - Graphs, pictures, statistics, etc.
 - Local, state, national and international implications
 - Bibliography
 - Note: If you are doing project #9 or #10 the format may change some. Please see instructor.
 - Prepare a study sheet/handout on your topic to be given to each class member. These materials will be considered as testing items. (20 points)

- Presentation due dates:
 - #1, #2, #3 – Nov. 14, 2006
 - #4, #5, #6 – Nov. 16, 2006
 - #7, #8, #9 – Nov. 21, 2006
 - #10 & #11 – Nov. 28, 2006

Announcements & Emails – you are responsible for visiting the course Blackboard site & checking the *Announcements* and your email daily for any posted information or any emailed information pertaining to the course.

Posting of Grades - Grades will be posted in your Blackboard course site within a few days after an assignment or project is due, barring any unforeseen circumstances. If you do not have a grade posted for an assignment or project you have submitted, it is your responsibility to bring a hard copy (printed copy) to me within **3 days** of the due date.

Due Dates - All assignments & projects are due on the due date by 6am unless otherwise noted.

Assignments & projects will NOT be accepted late. This is a reminder that it is your responsibility to submit your assignments & projects on time – that includes posting them on time. It is your responsibility to find a computer that works to do this. You are given the course calendar with due dates posted for assignments & projects on the first day of class. It is YOUR responsibility to submit them on time and on the due date.

PASS-PORT Artifacts

N/A

Field Experiences

2 potential field trips Scheduled

Technology Integration

The course will integrate online technology and the delivery system being used is Blackboard. The technology integrations projects in this course are Power Point Presentations and internet research.

Evaluation

90-100% = A
80-89% = B
70-79% = C
60-69% = D
Below 60% = F

Course Policies and Procedures

Emergency Evacuation Procedures

A map of this floor is posted near the elevator marking the evacuation route and the Designated Route Area. This is an area where emergency service personnel will go first to look for individuals who need assistance in exiting the building. Students who may need assistance should identify themselves to the teaching faculty.

Attendance Policy

Regular attendance is expected when students are expected to attend a formal class. The attendance policy in this class will follow UL Lafayette's policy (excessive absences are defined as 10% of the total number of classes).

Come to class on time.

The first day of class is the official first day of class - in other words, if you miss the first day of class you have 1 absence.

Academic Honesty

The College of Education adheres to the policy on academic honesty as outlined on page 427 in the Undergraduate Bulletin (2003-2005).

Students Requiring Special Accommodations

Students requiring special accommodations must register with the Office of Services for Students with Disabilities and provide official documentation to the instructor in a timely manner.