HEAL 390
Chronic and Communicable Diseases
Spring 2009

Time & Place: TR 3:05 PM-4:20 PM, Rm. 117, Silcox Center for Physical Education and Health
Instructor: Dr. Tom Langley, Rm. 319, Silcox Center for Physical Education and Health
Office Hours: 2:00-5:00 p.m. M and W. (Please try to arrange appointments ahead of time.)
Phone: 953-5558 (Departmental secretary)
E-mail: langleyt@cofc.edu
Prerequisites: Junior status (60 hrs).
Grading: A, A-, B+, B, B-, C+, C, D+, D, D-, and F

Course Overview: This course will introduce the student to the most common acute and chronic diseases and disorders that confront us today. The materials covered are designed for students who will be health educators in schools, corporations, or community agencies. The basic causes, progression, transmission, and treatment of the diseases will be covered as well as prevention of disease. The primary intent of the course is to have the student develop a public health education perspective of disease control and prevention.

Professional Resources: Healthy People 2010
http://www.healthypeople.gov/
1996 Surgeon General's Report on Physical Activity and Health
http://www.cdc.gov/nccdphp/sgr/sgr.htm

Objectives: Learning objectives for each chapter are listed at the beginning of the chapter. The student should focus on these points, and use the terminology highlighted throughout the text as a guide to understanding and applying the principles within.

Requirements: Attendance/Participation 50 pts. Exam I 100 pts.
Public Health Project 100 pts. Exam II 100 pts.
Article Critiques 2 @ 25 pts. Ea. 50 pts. Exam III 100 pts.
**Project Descriptions:**

Students working in pairs will research the public health efforts taken to control and/or prevent a disease of their choosing. All pairs must choose a disease to research. The period during which the public health efforts were taken can be past or present. The paper should include a description of the rise and identification of the disease, its impact on the population affected, the development of the public health initiatives taken to control and/or prevent the disease, and the outcomes (or expected outcomes) of the initiatives.

Any accepted form of documentation is permissible. Papers are to be 8-10 pages, typed, and double-spaced. Papers will be graded on form and content. Pairs will present their papers for in class discussion on dates during the latter part of the semester. Each pair will be given 15-20 for the presentation. You may create any type of visuals you wish to use for your presentation (PowerPoint, on-line access links, handouts, posters, etc.) but none are required.

**Due date for the papers is April 2, 2009.**

Students will also read and critique two articles on public health initiatives for the control and/or prevention of disease. One article must deal with a communicable disease and one must deal with a communicable disease. The critiques must be typed and no more than one page. You can use double or single spacing. The critiques will consist of two paragraphs—the first paragraph will be a brief summary of the article and the second will be your critical analysis of the value of the material presented in the article. Please use the bibliographical material for the article as the heading (or title) for your article critique. Any accepted bibliographical form is permissible. Do not attach a copy of the article to the critique.

You should select your article to review either as a historical article or as a current article. Even though much has changed in the past 40-50 years, current articles will be considered any article written in 1960 and forward to today. Historical articles will be any article written prior to 1960. You do not have to choose an article from a particular period. This information is given to you only to let you know that when you choose an article from an earlier period, you should ensure comments you make reflect an understanding of the fact that you are reporting on an older (possibly out-dated) article.

Either of the articles that you choose may be related to your public health paper.

**Article Critiques are due Feb. 26 and March 19, 2009.**

**Exams:**

- **Exam I (100 pts.)**  This exam will cover material from chapters 1, 2, and 3 and Healthy People 2010.
- **Exam II (100 pts.)**  This exam will cover material from chapters 4-9.
- **Exam III (100 pts.)**  This exam will cover material from chapters 12-18.
**Grading Scale:**

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**Course Topics**

**Dates: Jan. 13**

Introduction/Summary of Course

**Dates: Jan. 15, 20, 22, 27, 29, Feb. 3, and 5.**

Unit I. Introduction to Past and Current Approaches to Disease Control and Prevention.

**Dates: Feb. 10**

Unit I Exam on Chapters 1, 2, 3, and Healthy People 2010

**Dates: Feb. 12, 17, 19, 24, 26, Mar. 10, 12, and 17. 19, and 24. Mar. 3 and 5, Spring Break**

Unit II. Bacterial and Viral Diseases.

**Dates: Mar. 19**

Unit II Exam on Chapters 4-9.

**Dates: Mar. 24, 26, 31, Apr. 2, 7. 9. 14, 16, 21, and 23.**

Unit III. Chronic Diseases and Disorders

**Dates: Saturday, May 2, 7:30 PM-10:30 PM**

Unit III Exam on Chapters 12-14.

**Attendance**

You have two unexcused absences for the semester. Otherwise, you are expected to be in class every day and you are expected to be prepared and ready to participate. Excused absences are given for the following reasons: absence due to illness/hospitalization documented through the Undergraduate Dean's office, absence due to death of an immediate family member documented through the Undergraduate Dean's office, absence due to a court appearance documented by a copy of summons, and absence due to attendance of events as a
representative of the College. Use your unexcused absences wisely because unexcused absences exceeding the two you are given result in a 5 point deduction from your participation/attendance score for each absence over the two allowed.

Make-ups  Make-up work is allowed at the discretion of the professor. Only extenuating circumstances warrant a make-up. It is the student's responsibility to see the instructor if he/she has missed any work. Contact with the professor must be timely--as soon as you return to school after an absence or during an absence, if possible.

Electronic Devices: All cell phones, pagers, hand-held computers, etc. are to be turned OFF ("silent" or "vibrate" are not considered off) during the class session. Laptop computers may be used for note taking purposes; not for wireless communication (i.e. instant messaging or email). If you need further clarification on this matter, please see the instructor.

Extra Credit Extra credit work is not given for any reason at any time.