

HONR 499B Human Diseases & Disorders

Faculty: Gerald C. Hyner, PhD
Professor, Public Health
Dept. Health & Kinesiology

Office: 110 B Lambert Building

Contact Information: 494-3151, hyner@purdue.edu

Textbook:

An Introduction to Human Disease 8E (w/ SSG)

Leonard Crowley, MD. Sudbury, MA: Jones & Bartlett Publishers

ISBN: 9780763778309

Net Price \$78.50

An Introduction to Human Disease 8E (new e-Text option – cheaper)

Leonard Crowley, MD. Sudbury, MA: Jones & Bartlett Publishers

ISBN: 9780763778309

Net Price: \$39.25

Course Objective:

This course examines basic principles related to the causes of disease, its mitigation and prevention. The relationship between heredity, behavior, the immune response and chronic disease is explored. Risk factors for the leading causes of morbidity and mortality are contrasted and compared. The three principal divisions of the course deal with: a) heredofamilial disorders, b) infectious diseases, and c) chronic conditions. Representative illnesses within each of these broad categories are selected for emphasis and shared risk factors are identified and discussed in class. The public health perspective will be emphasized with a consistent focus on health promotion strategies that might prevent, ameliorate or otherwise mitigate the consequences of disease in a population.

Instructor's Philosophy:

Biological/medical terminology will be used and explained throughout the course. Questions are encouraged before, during or after classes. I keep regular office hours and individual appointments

are encouraged and can be arranged. Attendance is expected at every class and students are responsible for all readings, lectures, discussions and examinations when scheduled. A makeup examination may only be considered if permission is granted before the scheduled exam date. Students are encouraged to participate in classroom discussions while respecting the opinions and the questions of others in the class.

Course Requirements:

Three “in-class” examinations. Each is worth 25% of the final course grade. The exams are non-cumulative. Study guides for each examination is provided by the instructor prior to the exam.

Project. Students will identify a disease of interest and prepare an educational ‘pamphlet’ using the outline provided by the instructor. Topics must come from one of the three broad categories previously indicated: heredofamilial diseases, infectious diseases, chronic disorders. Students’ pamphlets will be posted on an informational webpage dedicated to HONR 499 B. Projects account for 25% of the final course grade.

Useful Websites:

www.cdc.gov/ This is the Centers for Disease Control & Prevention in Atlanta, GA.

www.nih.gov/ The National Institutes of Health is the gateway to the other Institutes and many useful and diverse tools.

www.who.int/en/ The World Health Organization.

www.cdc.gov/mmwr/ The Mortality Morbidity Weekly Report is the publication of the Centers for Disease Control and Prevention.

www.ncbi.nlm.nih.gov/entrez/query.fcgi NIH provides users with access to PubMed. A huge database of scientific publications dating back to the 1950’s.

www.MayoClinic.com A free commercial health information website rated highly by Consumer Reports WebWatch, Consumers Union.

www.healthratings.org A free site dedicated to helping readers evaluate health resources on the World-Wide Web.

World-Wide Web addresses are subject to change