

MEBI 530 Syllabus; Fall 2011

Description

MEBI 530 “Introduction to Biomedical and Health Informatics (BHI)” provides an overview of the field from diverse perspectives. These perspectives are then used to look at some challenges for the field as a whole. The overview includes: a) motivations to engage in BHI, b) biomedical context of BHI, c) evolution of concepts in BHI, d) frameworks for BHI training, and e) cultural and philosophical context of BHI. The challenges explored include: a) driving problems, forces, and politics of importance to BHI, b) successes and failures of BHI, c) making sense of information, d) representing information, and e) standards.

Logistics

Instructor: Neil F. Abernethy, neila@uw.edu
 Class Location: [South Campus Center](#) Room 303
 Class Times: Tues/Thurs; 2:30-3:50
 Office Hours: Neil: Thurs 4:00-5:00 (or by appt.)

Schedule and Objectives

See Course Outline/Schedule

Handouts/Assignments

To be distributed in class. Written assignments are generally due on Tuesdays.

Readings/Textbook

Required Text: “Biomedical Informatics: Computer Applications in Health Care and Biomedicine” 3rd Edition, Shortliffe and Cimino (2006)

Typically two-three readings (articles, book chapters, other) to prepare for each class session. To be distributed electronically except for readings from required text.

Class Attendance

- Class will not be held Oct 25th due to the annual American Medical Informatics (AMIA) Fall Symposium in Washington, D.C., or November 24th due to Thanksgiving.
- One absence is acceptable. A second will require completing an extra assignment. Missing more than two classes will result in a grade penalty.

Grading

- The baseline numeric grade for the course will be based on a 5-7 page final essay. The goal of the final essay will be to broadly link the content of the course to your own professional goals.

<u>Essay version</u>	<u>Pages</u>	<u>Percentage of final grade*</u>	<u>Due date</u>
Graded problem set	To be determined	15%	Fri Nov 4 (tentative)
First draft of essay	3-5	15%	Fri Oct 21st
Second draft of essay	4-6	25%	Fri Nov 18th
Final essay	5-7	45%	Tue Dec 13th
*Modified by assignments and attendance. There will be no final exam.			

- Written class assignments and problem sets are due electronically before noon on the due date (typically Tuesdays). They will be graded while also serving as the basis of class discussion, so ...
PLEASE COMPLETE YOUR ASSIGNMENTS ON TIME!
- Grading of assignments is on a scale of “F” = Fail, “P-” = Pass minus, “P” = Pass, “P+” = Pass plus.
- A grade of “P-” drops your final class grade by 0.10 (on a four-point GPA scale) unless offset by a “P+”. A “P+” grade otherwise does not count. Failure to turn in a written assignment on time is an “F” and drops your class grade by 0.20 (on a four-point GPA scale). Thus, each missed assignment will drop your final grade by 5 points on a 100 point scale.