

This course will serve as an excellent introductory course in infectious diseases for those pursuing careers in medicine and public health as well as for those who will be continuing their study of biology in graduate school. This course would also be useful for students pursuing careers with law enforcement or intelligence

Privacy Act (FERPA): The Family Educational Rights and Privacy Act (FERPA) prohibits the public posting of grades by social security number or in any manner personally identifiable to the individual student. No grades can be given over the telephone or over email because positive identification can't be made.

Students with disabilities: Students requiring special accommodations because of disability should discuss their needs with me as soon as possible. Those needing accommodations that are not registered with the Special Services Program must contact the Access Office for Students with Disabilities located in Farber Hall. The phone numbers are 245-2498 (voice) and 219-1348 (tty).

Procedure for exams:

- x No books, electronic devices, or notebooks will be allowed during exams and students using such items will be asked to leave and will receive a zero for the exam.
- x No talking will be allowed during the exam, but students are permitted to ask the instructor questions.
- x Each student will be given an exam to be completed and handed back to the instructor.
- x Students must bring a pencil and will take the exam during the stated lecture time only.
- x **NOTE:** You will have the class time only to complete each lecture exam.

Grade Assessment: Your final grade will be based on your performance on lecture examinations and the laboratory.

Unit Exams (60%). There will be three unit exams. Each exam will cover the material for a specific unit and will consist of a variety of questions that may include matching, multiple choice, labeling, fill in the blank and short answer. **There will be NO make-up exams.** Only students with a University related excuse may take an exam early. Your best policy: **DO NOT MISS EXAMS!**

Literature Critique (30%): There will be two (2) primary literature critique assignments. You will select two different research articles from the primary literature, locate the article, read the article, and then write a constructive critique about it. The research articles can focus on any aspect of emerging infectious diseases (genetics, immunology, cell biology, molecular biology, ecology, evolution, epidemiology, etc). The critiques should be 1.5- 2 pages (no longer than 2 pages), double-spaced and typed. The critique should contain the following elements:

1. What is the question or hypothesis being tested in the article
2. Why did the authors conduct this study? What is the importance of this work?
3. Do the Methods of the paper test the hypothesis. Is the design appropriate for the study or should it have been different?

4. Briefly state the conclusions and state if they are supported by the results.
5. Give an example of at least one follow up study that could be performed.
6. Did you think the study was interesting or boring? State why

I will provide a rubric and detailed format at a later date. Spelling and grammar will count!! **There will be a 10% reduction in grade for each day the assignment is late.**

Participation (10%): This course will emphasize both lecture and discussion. It is critical that you complete the readings ahead of class. You should be prepared to ask questions and discuss the material. Begin listening to the news and other media (MSNBC, CNN, Fox News, NY Times, Time, etc.) for stories about infectious disease. We will discuss current events at the start of each class session.

You will lose participation points if you miss more than 3 lectures. Please contact me if you know you will need to miss a class during the term.

Grade Scale: For Biology majors, a grade of C or higher is required for this course.

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

Summer 2013 TENTATIVE LECTURE SCHEDULE

Session**Date****Topics**

VALDOSTA STATE UNIVERSITY GENERAL EDUCATIONAL OUTCOMES (GEO)

1. Students will demonstrate understanding of the society of the United States and its ideals. They will possess the requisite knowledge of the society of the United States, its ideals, and its functions to enable them to become informed and responsible citizens. They will understand the connections between the individual and society and the roles of social institutions. They will understand the structure and operational principles of the United States government and economic system. They will understand United States history and both the historical and present role of the United States in the world.

2. Students will demonstrate cross-cultural perspectives and knowledge of other societies. They will possess sufficient knowledge of various aspects of another culture, including the language, social and religious customs, aesthetic expression, geography, and intellectual and political history, to enable them to interact with individuals within that society from an informed perspective. They will possess an international viewpoint that will allow them to examine critically the culture of their own nation and to participate in global society.

3. Students will use computer and information technology when appropriate. They will demonstrate knowledge of computer concepts and terminology. They will possess basic working knowledge of a computer operating system. They will be able to use at least two software tools, such as word processors, spreadsheets, database management systems, or statistical packages. They will be able to find information using computer searching tools.

4. Students will express themselves clearly, logically and precisely in writing and in speaking, and they will demonstrate competence in reading and listening. They will display the ability to write coherently in standard English; to speak well;

