



SCI 1091D – Health and Disease

Course Syllabus - Fall 2011

Individuals with disabilities who need to request accommodations should contact the Disability Services Coordinator, Student Center 214, 678-466-5445, disabilityservices@mail.clayton.edu.

Course Description

Number and Title:

SCI 1901D Health and Disease (CRN 88013)

Credit Hours:

3.0 semester credit hours

Class Meetings:

Monday and Wednesday 5:00 pm until 6:15 pm

University Center 265

Catalog Description:

SCI 1901 D (3-0-3)

Co-requisites:

None

Notebook Computer Requirement:

Each CSU student is required to have ready access throughout the semester to a notebook computer that meets faculty-approved hardware and software requirements for the student's academic program. Students will sign a statement attesting to such access. For further information on CSU's Official Notebook Computer Policy, please go to <http://itpchoice.clayton.edu/policy.htm>.

Computer Skill Prerequisites:

- Able to use the Windows™.
- Able to use a the Microsoft Word™.
- Able to use a the Microsoft Excel™.
- Able to send and receive e-mail using the Outlook™ or Outlook Express™.
- Able to use a Web browser.

In-class Use of Student Notebook Computers:

Student notebook computers will occasionally be used in this class. Outside of class, computers will be used to complete assignments, to access the internet and class materials, to do activities on the text CD ROM, and to communicate with the instructor.

Course Objectives:

- Describe the normal structure and function tissue and organs.
- Describe the importance of gene expression in both prokaryotes and eukaryotes.
- Understand DNA's role in heredity.
- To identify a mutation in DNA and how it will effect the protein product
- To investigate inheritance and genetics from the Mendelian, chromosomal and molecular perspective.
- Understand, describe, and define the molecular structure of genetic material

Student Learning Outcomes:

A survey of Human Health and Diseases will allow the student to understand the genomic material within cells and how it impacts all life forms.

General education outcomes:

The following links provide tabular descriptions of the communications outcome and the critical thinking outcome components:

- [Communications outcomes components](#)
- [Critical thinking outcomes components](#)

Biology outcomes:

SCI 1901 D supports outcomes 1, 4, 5, and 7 of the biology major:

- Outcome 1. Knowledge of the basic principles of major fields of biology.
- Outcome 4. Ability to communicate orally and in writing in a clear concise manner.
- Outcome 5. Ability to collect, evaluate, and interpret scientific data, and employ critical thinking skills to solve problems in biological science and supporting fields.
- Outcome 7. Appreciation for the impact of biological and physical science on the environment and society

Instructor Information:

Dr. J. Yvette Gardner (CRN 88013)
 Office: Natural and Behavioral Sciences Building
 Phone: (678) 466-4779
 e-mail: JGardner@clayton.edu
 Internet address: <http://a-s.clayton.edu/igjohnson/default.html>
 Office hours: Monday 11:00 am - 2:00 pm in office/ 1:00 -2:00 and 4:00-5:00 pm on Wednesday Rm C-29

Textbook Information:

Required text:

- *Intro To Human Disease*, 8th Edition, Leonard Crowley, MD, Jones and Bartlett Publishing Company, Inc., 2007 (978-0-7637-6591-0).

Evaluation:

Item	Percentage
4 Exams	60%
Assignments	15%

Quizzes	25%
Total Percentage	100%

Grading:

Your final **grade** will be determined as follows:

Grade	Percentage Range
A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	below 60%

Tentative Course Schedule*:

Week	Week of:	Topic	Chapters
1	August 15	General Concepts of Disease/Cell and Tissue	1,2
2	August 22	Cell and Tissue	2
3	August 29	Cell Division (Mitosis/Meiosis)/ Exam 1	3
4	September 5	Abnormalities of Blood Coagulation	11
5	September 12	The Cardiovascular System	13
6	September 19	The Hematopoietic System	14
7	September 26	Immunity, hypersensitivity & Allergy	5

8	October 3	Exam 2	
		Last Day to Drop w/o Penalty: Friday October 7, 2011	
9	October 10	Pathogenic Microorganisms	6
10	October 17	Communicable Diseases	7
11	October 24	Communicable Diseases	7
12	October 31	Animal Parasites / Exam 3	7
13	November 7	The Female Reproductive System	17
14	November 14	The Female Reproductive System/The Urinary System	17, 19
15	November 21	The Male Reproductive System	19
16	November 28	The Male Reproductive System	19
		Final Exam/ Exam 4	

***This lecture schedule and lecture testing is tentative and may change. Tests may be given the week before or the week after the week listed here-- or during the week predicted. Specific test dates will be announced approximately one week in advance in class.**

Final Examination Schedule:

CRN	Instructor	Date of final exam	Time of Final Exam
88013	Dr. Gardner	TBA	

Course Policies:

University Attendance Policy [jii](#)

Students are expected to attend and participate in every class meeting. Instructors establish specific policies relating to absences in their courses and communicate these policies to the students through the course syllabi. Individual instructors, based upon the nature of the course, determine what effect excused and unexcused absences have in determining grades and upon students' ability to remain enrolled in their courses. The university reserves the right to determine that excessive absences, whether justified or not, are sufficient cause for institutional withdrawals or failing grade

Class Attendance Policy

Absences from EXAMS must also be accompanied by a signed (original) physician's or judge's excuse (**there are no exceptions**). Without an excuse provided within one week, a grade of zero points will be assigned for the missed assessment. If the student does have a valid excuse the last exam will be doubled to make up for the missed one. *You are only permitted one excused absence from class exams.* There are no make up quizzes.

Attendance is expected for all class periods. Attendance is required for quiz and examination periods (see above). Any absence must be accompanied by a written excuse from a doctor or other competent authority. Without an excuse, a grade of zero points will be assigned for the missed work. Late assignments must be turned in within one day of the due date and 10% will be deducted from the final assignment grade. Assignments may NOT be sent to me via email.

Visitors (friends, children, etc.) are strictly prohibited from attending class without the permission of the instructor.

No smoking, eating or drinking is permitted at any time in the classroom.

Students may not play video games during lecture.

Students must abide by policies in the [Clayton State University Student Handbook](#), and the [Basic Undergraduate Student Responsibilities](#).

Any type of activity that is considered dishonest by reasonable standards may constitute academic misconduct. The most common forms of academic misconduct are cheating and plagiarism. All instances of academic dishonesty will result in a grade of zero for the work involved. All instances of academic misconduct will be reported to the Office of Student Life/Judicial Affairs. Judicial procedures are described at <http://adminservices.clayton.edu/studentconduct>.

Disruptive behavior in the classroom can negatively affect the classroom environment as well as the educational experience for students enrolled in the course. Disruptive behavior is defined as any behaviors that hamper the ability of instructors to teach or students to learn. Common examples of disruptive behaviors include, but are not limited to:

- # Eating in class
- # Monopolizing classroom discussions
- # Failing to respect the rights of other students to express their viewpoints
- # Talking when the instructor or others are speaking
- # Constant questions or interruptions which interfere with the instructor's presentation
- # Overt inattentiveness (e.g., sleeping or reading the paper in class)
- # Creating excessive noise
- # Entering the class late or leaving early
- # Use of pagers or cell phones in the classroom
- # Inordinate or inappropriate demands for time or attention
- # Poor personal hygiene (e.g., noticeably offensive body odor)
- # Refusal to comply with faculty direction

Students exhibiting these types of behaviors can expect a warning from the instructor or dismissal for the lesson in which the behavior occurs. Failure to correct such behaviors can result in dismissal from the course.

More extreme examples of disruptive behavior include, but are not limited to:

- # Use of profanity or pejorative language
- # Intoxication
- # Verbal abuse of instructor or other students (e.g., taunting, badgering, intimidation)
- # Harassment of instructor or other students
- # Threats to harm oneself or others
- # Physical violence

Students exhibiting these more extreme examples of disruptive behavior may be dismissed from the lesson or the entire course.

Students dismissed from a lesson will leave the classroom immediately or may be subject to additional penalties. Dismissed students are responsible for any course material or assignments missed.

Students dismissed from a course have the right to appeal the dismissal to the department head responsible for the course. Appeals beyond the department head may also be pursued. If no appeal is made or the appeal is unsuccessful, the student will receive a grade of WF (withdrawal – failing) regardless of the current grade in the course.

Conditions attributed to physical or psychological disabilities are not considered as a legitimate excuse for disruptive behavior.

1 The description of disruptive behavior and listings of examples of disruptive behavior are taken from the Web sites of James Madison University, the University of Delaware and Virginia Tech.

Changes or additions to this syllabus, including reading, exam schedule, grading, and course policies can be made at the discretion of the instructor at any time.