

Science 235: Science Concepts
'Introduction to Health Professions'
Tuesdays 5:00-7:00pm HH 439
Spring 2007

Instructor: Dr. Barry Rothman
Facilitators: Tye Elliott & Maha Abdulla
Email: sci235@gmail.com
Office Hours:

Dr. Rothman's Home Page:
<http://online.sfsu.edu/~brothman/index.htm>
Undergraduate Pre-Health Web Page:
<http://online.sfsu.edu/~brothman/Undergrad4.htm>

Class Website: <http://ilearn.sfsu.edu>

COURSE DESCRIPTION:

Science 235 is a course in which students explore careers in the health professions. Many students have limited knowledge of health professions and consequently make career decisions that are not thoroughly considered. The goal of Sci 235 is to help solve this problem.

Sci 235 will consist of in-class and out-of-class activities. In class, students will hear lectures from health professionals and participate in classroom discussions and activities. Outside of class, students will work in small teams on an activity to be presented in class, participate in an online discussion board, and prepare an end-of-semester individual presentation.

LEARNING OBJECTIVES:

- Explore the various health careers; distinguish which careers fit your interests.
- Learn how to enhance your candidacy into a health profession.
- Develop an understanding of what is required to become a well functioning health professional: Academics, personal responsibilities, financial aspects.

Pre-Requisites: This course is intended for students with freshman or sophomore standing (no more than 59 units already completed). Exceptions will be made as needed.

ATTENDANCE & PARTICIPATION POLICY:

Attendance: Students are expected to attend every class and sign in weekly. **DO NOT** forge another student's signature and **DO NOT** request the forging of your signature. These behaviors will be considered cheating and will result in disciplinary action.

Each unexcused absence will result in a loss of five (5) points from the student's final grade. **Three unexcused absences will result in failure of the class.** Absence is excused only for extenuating circumstances and will be considered on a case-by-case basis. Excessive absences, excused or not, can result in failure of

the class. Students must stay for the entire class period (2 hours) to receive attendance credit, unless prior arrangements have been made.

Participation: You are expected to be mentally “present” during class and actively participate in classroom discussions and activities. **Every week, in-class quizzes will be given and collected at 5:20 pm.** In the class time remaining, half will be devoted to listening to a speaker, and the other half to small group discussions and activities.

HOMEWORK ASSIGNMENTS:

Homework assignments will consist primarily of short readings on various health professions.

iLearn: All course materials and announcements will be made available through the Sci 235 course website, <http://ilearn.sfsu.edu>. Assignments are to be submitted electronically via iLearn by the specified due date.

Weekly discussion board assignments are due on Monday by 11:59 pm. Each week there will be short writing prompts that must be completed by the date specified (see the attached course schedule for exact dates). It is the student’s responsibility to regularly check iLearn for announcements and assignments. **For every day an assignment is late, 10% will be deducted.**

IN CLASS GROUP ACTIVITY:

Students will form groups of 4-5 at the start of the semester. Each group will be responsible for creating and presenting an in-class activity during their assigned week. The activity should be presented in the form of a game, where the objectives are to 1) expose students to new info regarding health professions and 2) promote student interaction/discussion.

END-OF-SEMESTER PRESENTATION:

Each student will make a 6-8 minute presentation at the end of the semester, during the last two class periods, in one of two categories below:

Shadowing / Externship- Students will be responsible for locating, contacting, and scheduling (at minimum) 5 hours with an interested health professional. Students will shadow and observe the health professional at their place of work. The student will be required to

- 1) Present the information learned in a creative way via a PowerPoint slide-show
- 2) Give a summary of what they did and their impressions of the shadow experience
- 3) The presentation **must** include photos of the professional at work

Health Profession- Students will research a health profession not presented during the semester and provide information about that career. Students' presentation can include a slideshow, an oratory, or a video (made by the student). Be creative!

GRADING POLICY:

Course grades will be based on the total number of points earned by the last class meeting.

25%	iLearn Discussion Board:	125 points
25%	End of semester project:	125 points
22%	Quizzes:	110 points
15%	Attendance/ participation:	75 points
13%	In-Class Group Activity:	65 points

Points Possible: 500 points

Points	Grade	Percentage
450-500	A	90.0 – 100%
440-449	A-	88.0 – 89.9%
430-439	B+	86.0 – 87.9%
405-429	B	81.0 – 85.9%
390-404	B-	78.0 – 80.9%
375-389	C+	75.0 – 77.9%
360-374	C	72.0 – 74.9%
340-359	C-	68.0 – 71.9%
325-339	D+	65.0 - 67.9%
310-324	D	62.0 – 64.9%
295-309	D-	59.0 – 61.9%
<294	F	<58.9%

Lateness: Missed quizzes cannot be retaken (without proper documentation and approval of the instructor).

DROP AND WITHDRAWAL POLICY:

The Biology Department and this class adheres to the SFSU policies as stated in the *Spring 2007 Class Schedule* and the *2006-2007 SFSU Bulletin*.

2/20 Last day to drop a class without "W" appearing on your transcript. Use the internet or the touch-tone system to drop; no forms are required.

2/21-3/21 Relaxed Withdrawal: To withdraw, you must submit a completed *Petition for Withdrawal* form; no other supporting documentation is required. The form must be **approved** and **signed** by the instructor, Dr. Rothman, then submitted to the **Department of Biology Office (HH 534)** for final review by the Chair. When processed, a "W" appears on your official transcript.

3/22-4/25 **Strictly Enforced Withdrawal:** You must submit a completed *Petition for Withdrawal* form with **supporting documentation**, and an **unofficial SFSU transcript**. The form must be **approved** and **signed** by the instructor, Dr. Rothman, and then **you** must submit it to the **Department of Biology Office (HH 534)** for final review by the Chair. Withdrawal is permitted only for **serious and compelling reasons** that prevent the student from attending class. Appropriate documentation consists of a **letter** from the student's doctor, employer, etc., submitted on **letterhead** stating that as of a **certain date** you were unable to attend class due to an **illness, accident, or increase/change in work hours**. If approved, a "W" appears on your official transcript. If not approved, you will remain a registered student in the class and will receive a final grade based on your performance during the entire semester.

4/26-5/23 **Total Withdrawal:** Withdrawals are normally not permitted except in cases of **verified accident or serious illness where the cause of withdrawal is due to circumstances clearly beyond the student's control** and where the assignment of an incomplete is not appropriate. Ordinarily, withdrawals during this period involve total withdrawal from the University.

POLICY ON CHEATING:

This handout is intended to make clear what constitutes cheating and how it will be dealt with. Cheating is a serious offense and will be severely punished.

- Attendance: Signing another student's name to make it appear that they are attending class is considered cheating. We will occasionally count heads in class and compare with the number of signatures.
- Plagiarism: Plagiarism is considered cheating. It is defined as using another person's words without quotation marks and/or reference. Although in preparing assignments you may paraphrase written information from texts or articles, you must use your own words, and demonstrate that you understand that information. If you quote directly from a source, you must indicate this with the use quotation marks and cite the source of information.
- Altered Answers: Changing an answer on an assignment or quiz, then trying to have the grade changed is considered cheating.
- False Grade Change: Forging or altering a grade change form is a gravely serious offense. The Registrar's Office carefully checks signatures and send copies of all grade change requests to the faculty member.
- Consequences: A person cheating in an assignment receives a 0 for that assignment; their name and a description of the offense is sent to the Dean of Students. Cheating offenses are punished by disciplinary probation, suspension, or expulsion. These actions are noted on your transcript! Please see the Student Conduct/Discipline Section of the current *SFSU Bulletin* for more information on student cheating and penalties.
- If You See Cheating: If you think a fellow student is cheating I urge you to discretely tell someone about it. Your anonymity will be maintained.

SCIENCE 235: Science Concepts -“Introduction to Health Professions”
SPRING 2007 COURSE SCHEDULE:
(Subject to change)
Class meets Tuesdays from 5-7 pm (HH 439)

Wk/ Date	iLearn Due Date	Health Profession	Quiz (5:00 – 5:20 pm)	Reading assignment
1 / Jan 30	-----	Introductions	-----	
2 / Feb 6	Feb 5	Forensics	In-class	
3 / Feb 13	Feb 12	Pharmacy	In-class	
4 / Feb 20	Feb 19	Allied Health	In-class	2/20: Last day to drop classes
5 / Feb 27	Feb 26	Public Health	In-class	
6 / Mar 6	Mar 5	Veterinary Medicine	In-class	
7 / Mar 13	Mar 12	Dietetics	In-class	
8 / Mar 20	Mar 19	Dentistry	In-class	3/20: CR/NC deadline
9 / Mar 27	Mar 26	Physical Therapist / Chiropractic	In-class	
10 / Apr 3	Apr 2	Medical Doctor Panel	In-class	
11 / Apr 10	No assignment	SPRING BREAK	No quiz	
12 / Apr 17	Apr 16	Mental Health	In-class	
13 / Apr 24	Apr 23	Optometry	In-class	4/25: Withdrawal deadline
14 / May 1	Apr 30	Final Project Presentations	No quiz	
15 / May 8	May 7	Final Projects Presentations	No quiz	
16 / May 15	May 14	Potluck!	No quiz	
Finals Week				