

INTER110 - Of Mice and Matter: Crime Scene Investigation Fall Quarter 2013 - SYLLABUS



Instructors

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Office Hours

Jennie Mayer (Chemistry)	Daily 8:30-9:20 am	S340A
Sue Miller (Biology)	Daily 1:30-2:30pm	S240i
Anthony Tessandori (Anthropology)	M/W/F 8:00 - 9:00am and T/TH 1:00 - 2:00pm	D110H

Additional Office Hours may be available in the Science Study Center (SSC) S114. The SSC schedule is posted at [on their website](#). The [Academic Success Center](#) also has group/individual tutoring.

LEARNING COMMUNITIES, GROUP WORK AND INTERPERSONAL SKILLS

The formation of learning communities in class (and outside of class) has been proven to be an effective way for students to achieve success among a diverse group of students. It also fosters a comfortable and secure learning environment. Group work is highly valued in our classroom. Please participate and be respectful and helpful to fellow classmates. When one person in the group has a problem, it becomes the entire group's problem. Please try to work out any issues you have amongst your group, and let us know when it is beyond your control.

Course Information

Biology 160 and Chemistry 121 are introductory courses for students planning to enter a two year allied health program or for students planning additional work in the sciences. Anthropology 295 will be used to introduce critical thinking applied to forensics, and will include application of biological and chemical processes in crime scene investigation.

A typical Biology 160 course requires you to have completed a previous chemistry course. The class welcomes students with no background in Chemistry, Biology, or Health. We'll cover all the **bases** in this class—and the **acids**, too!

Prerequisite: Math 098 or introductory/intermediate algebra.

You will receive credit for the following classes: BIOL& 160 (6 credits) / CHEM& 121 (6 credits) / ANTH 295 (3 credits)

DISCLAIMER: The study of forensic science and crime scene analysis often involves material and subject matter that can be graphic in nature. All materials covered in this class are required to gain a functional knowledge of the course of study and will be treated with all due respect and sensitivity. If you find that you are uncomfortable with subjects or materials presented in class you are free to step out of the room, however you are still required to know the material and should obtain notes from a classmate and consult your instructor.

Class Meeting Times and Locations: Any changes on a given day will be posted on the door (S310) and/or emailed out.

	M	T	W	Th	F
9:30-10:20	S-310	S-310	S-310	S-310	S-310
10:30-12:20	S-310	LAB ROOM S-312 OR S-216	S-310	LAB ROOM S-312 OR S-216	S-310

Books Required

1. Biology& 160: General Biology with Aplia Online Homework by Starr ISBN: 9781285142920
2. Chemistry& 121: General, Organic, and Biological Chemistry: Structures of Life by Timberlake, Custom based on 4th Edition ISBN: 9781269128933 (3rd edition is ok) AND Mastering Chemistry <http://www.masteringchemistry.com>
3. Anth 295: Handouts posted in Canvas
4. Skloot, Rebecca. 2010. The Immortal Life of Henrietta Lacks. New York: Random House. 381 p.

Other required items:

5. Labs will be posted in Canvas - you will be responsible for printing these before lab.
6. Soft-side splash goggles. May be purchased at the bookstore.
7. Lab notebook (Thread-bound composition notebook)
8. An inexpensive scientific calculator.
9. Scantrons. May be purchased at the bookstore.
10. A package of colored pencils and a package of 3x5 cards for flash cards. (Recommended)
11. Internet access is required. If you do not have internet at home, please use the Science Study Center (S-114) or the Open Lab (N-250) to complete your assignments by the deadlines.

The Mice and Matter course web site on Canvas

Some assignments will be required to be submitted through Canvas. Announcements will be posted through Canvas. It is important to check this site (or your email) daily. **To login:** <http://bc.instructure.com> **Use your BC network ID and password to login. Stay Connected:** We recommend that you check your email daily and log into the Canvas site daily to keep up with the class. We also recommend that you use the Discussion Forums often - think of them as a virtual study group. The Discussion Forum titled "Just Chatting" can be used for you to talk informally to others in your class. Please remain respectful and professional during these online discussions.

Grading

You will receive separate grades for each course CHEM& 121, BIOL& 160 and ANTH 295. However, due to the integrated nature of the course, the grades you receive for all three courses will be the same (there may be some exceptions). Course grades are based on the following categories:

Exams 40%	Labs 15%
Class Activities 10%	Project 10%
Homework 20%	HeLa assignments 5%

Letter grades will be awarded based on the following percentage scale of points earned:

A = 100-93%	B = 86-83%	C = 76-73%	D = 65-60%
A- = 92-90%	B- = 82-80%	C- = 72-70%	F = 59-0%
B+ = 89-87%	C+ = 79-77%	D+ = 69-66%	

Students who have an average of 59% or below will receive a failing (F) grade. If your situation changes during the course of the quarter and you feel that you need a hardship withdrawal you must talk to the instructors before the final exam.

Assignments

Exams: Exams will consist of multiple choice, fill-in the blank, matching, problem solving and short essay questions. There are six exams covering biology, chemistry, and forensics and are weighted as follows: 5%+7%+7%+7%+7%+7% = 40%. Please bring a #2 pencil and a Scantron on exam days. Exam regrade requests (grading corrections) must be submitted in writing no later than two class days after graded exams are returned.

Class Activities: You are expected to attend class and participate in class activities. Activities include, but are not limited to, discussions, worksheets, etc. We may ask you to turn in something each day to keep track of your progress and you will get points for that. There are no substitutes for class activities - **you must be in class to get these points (no exceptions)**.

Homework: Homework will be due throughout the quarter. We may also ask you to complete an assignment based on something we want you to view online. You will need to do some homework on Canvas, *MasteringChemistry*, and *Aplia* sites, which require internet access. More information will be distributed in class. Due dates for homework will be posted in Canvas on the course calendar.

Labs: The lab schedule and lab handouts will be posted in Canvas. You must be prepared for lab. For hazardous labs, you are required to wear goggles and appropriate clothing or you will not be allowed to complete the lab. Please read the experiment before coming to the laboratory and complete any pre-lab assignment by the deadline BEFORE the lab begins. **No late prelabs are accepted.** On occasion a pop-quiz may be given at the beginning of the laboratory period. During the first 15-20 minutes of each laboratory period, we will give you specific information about changes in procedures and safety information. If you are LATE for the laboratory session, we may not allow you to work in the laboratory that day. For biology and chemistry lab worksheets are due immediately after completing the experiment.

The "Science of Crime" Project: Throughout the quarter you will be using the knowledge of science you are gaining to help solve a murder. This process you will allow you to see how biology and chemistry are used in the real world through forensic investigation. Every week you will be adding a new forensic method to your tool kit that will help you identify the victim and narrow down suspects. We will discuss this project and the requirements in class. This project will continue throughout the quarter.

HeLa assignments: The BC Reads book for this year is *The Immortal Life of Henrietta Lacks* by Rebecca Skloot. There will be assigned readings, quizzes, discussions and other assignments related to this book. It is important for you to get a copy of this book, do the readings, and complete the assigned work.

Attendance and Late Work

- There is no way to make up participation points or prelab assignments. The point of these assignments is to be present and prepared for class ahead of time.
- Habitual tardiness and absences will need to be addressed. **Any student who is absent for more than 5 class periods during the quarter will receive a failing (F) grade.**
- Students who stop attending this class and who do not formally withdraw by the withdrawal date will receive a failing (F) grade for the course.
- All assignments due in class are due AT THE BEGINNING OF CLASS.
- If you cannot turn in an assignment on time, you can turn it in by the end of the day for a 10% deduction or anytime before the assignment is graded and returned to students for a 50% deduction (2 days late or more). We will not accept any work for an assignment which has already been graded and returned to the rest of the class.
- If, due to an emergency (illness, accident, etc.), you are unable to take an exam at the time scheduled, you must notify one of your instructor as soon as possible and make-up exams will consist of only essay questions.
- **Computer Glitches:** Computers seem to develop glitches on dues dates. Don't wait until the last day, hour, minute or second to complete your work. We are not sympathetic to last minute computer problems.

Some important dates (more details will be available in the calendar in Canvas)

Exam dates are tentative – changes will be announced in class/emailed.

Monday, 9/23	Class starts
Friday 10/4	Last day to withdraw without a W by midnight (online)
Tuesday 10/8	Exam #1 (5%)
Tuesday, 10/22	Exam #2 (7%)
Wednesday, 10/23	No class - College Issues Day
Tuesday, 11/5	Exam #3 (7%)
Sunday, 11/10	Last Day to withdraw with a W by midnight (online)
Monday, 11/11	No class - Holiday
Monday, 11/19	Exam #4 (7%)
Thursday, 11/28	No class - Holiday
Friday, 11/29	No class - Holiday
Tuesday, 12/3	Exam #5 (7%)
Monday, 12/9	End of quarter celebration and Review Session
Wednesday, 12/11	Exam #6 (7%) @ 9:30-11:20 in S-310

Student Responsibilities

Attend all scheduled classes, check email daily and access online materials

Come to class on time and prepared

- Homework and reading assignments are completed
- Come to class with note-taking materials, text and other required materials

Make a class/study buddy who can fill you in if you miss anything

Actively participate in group activities – be engaged!

Be respectful of fellow students' viewpoints and learning styles – be professional!

Observe the rules of academic honesty – don't cheat!

Turn your cell phones off! Don't text or surf during class – it's rude!

How to get extra help

1. Please see us! We are an important resource for you. Office hours are set up for this purpose but check with us before or after class to see if we have time to meet with you.

2. Form a study group with other students in the class. You can meet in the SSC (S114) or the conference rooms (S201 and S301).

3. Visit the Science Study Center (SSC) in S114. This is a place to meet with chemistry and biology peer tutors, seek help from faculty, and work on computers. Additional information about the center, additional available software and a schedule is located at the following URL: <http://scidiv.bellevuecollege.edu/SSC>

4. Academic Success Center (ASC) in D204. The ASC has individual and group tutoring available free of charge for Biology 160 and Chemistry 121. <http://bellevuecollege.edu/asc/>

Affirmation of Inclusion

Bellevue College is committed to maintaining an environment in which every member of the campus community feels welcome to participate in the life of the college, free from harassment and discrimination.

We value our different backgrounds at Bellevue College, and students, faculty, staff members, and administrators are to treat one another with dignity and respect. <http://bellevuecollege.edu/about/goals/inclusion.asp>

Disability Resource Center (DRC)

The Disability Resource Center serves students with a wide array of learning challenges and disabilities. If you are a student who has a disability or learning challenge for which you have documentation or have seen someone for treatment and if you feel you may need accommodations in order to be successful in college, please contact us as soon as possible.

If you are a person who requires assistance in case of an emergency situation, such as a fire, earthquake, etc, please meet with your individual instructors to develop a safety plan within the first week of the quarter.

The DRC office is located in the LMC (Library) temporarily or you can call the reception desk at 425.564.2498. Deaf students can reach us by video phone at 425-440-2025 or by TTY at 425-564-4110. Please visit our website for application information into our program and other helpful links at www.bellevuecollege.edu/drc.

Bellevue College E-mail

All students registered for classes at Bellevue College are entitled to a network and e-mail account. Your student network account can be used to access your student e-mail, log in to computers in labs and classrooms, connect to the BC wireless network and log in to MyBC. To create your account, go to: <https://bellevuecollege.edu/sam>.

BC offers a wide variety of computer and learning labs to enhance learning and student success. Find current campus locations for all student labs by visiting the Computing Services website.

Science Division Policy on Cheating

You, the student, are expected to conduct yourself with integrity. When you cheat*, or aid someone else in cheating, you violate a trust. If you cheat, the following actions will be taken:

1. You will receive a grade of "0" on the exam, lab, quiz, etc. where cheating occurs. This grade cannot be dropped.
2. A report of the incident will be sent to the Dean of Students. He may file the report in your permanent record or take further disciplinary action such as suspension or expulsion from the college.

If you feel you have been unfairly accused of cheating, you may appeal. (For a description of due process procedures, see WAC 132H-120, copies of which are available in the Student Body Government Office)

*Cheating includes, but is not limited to, copying answers on tests or homework, glimpsing at nearby test papers, swapping papers, stealing, plagiarizing, illicitly giving or receiving help on exams or assignments.

Student Code

"Cheating, stealing and plagiarizing (using the ideas or words of another as one's own without crediting the source) and inappropriate/disruptive classroom behavior are violations of the Student Code of Conduct at Bellevue College. Examples of unacceptable behavior include, but are not limited to: talking out of turn, arriving late or leaving early without a valid reason, allowing cell phones/pagers to ring, and inappropriate behavior toward the instructor or classmates. The instructor can refer any violation of the Student Code of Conduct to the Vice President of Student Services for possible probation or suspension from Bellevue College. Specific student rights, responsibilities and appeal procedures are listed in the Student Code of Conduct, available in the office of the Vice President of Student Services." The Student Code, Policy 2050, in its entirety is located at: http://bellevuecollege.edu/policies/2/2050_Student_Code.asp

"Netiquette" Policy

You are expected to participate and conduct your communications in the course in a way that is conducive to learning and shows respect for both the instructor and your fellow students. Misunderstandings can be common when communicating electronically; this Internet etiquette or "netiquette" is essential to avoid such problems.

You should attempt to make your meanings clear in all of your postings and group projects. If you are unfamiliar with generally accepted online behaviors please see the following Netiquette websites for an introduction to the core rules of communicating online: <http://www.albion.com/netiquette/> www.dtcc.edu/cs/rfc1855.html

Disclaimer: YOU ARE RESPONSIBLE FOR ANY **CHANGES** IN DATES THAT ARE ANNOUNCED IN CLASS.

Lectures and daily activities are structured to supplement material presented in the textbooks. You are responsible for the material covered in the textbooks, lectures, laboratory, etc. Exams will emphasize the chapters discussed most recently, however, some questions may concern topics discussed earlier in the course.