

Chem 340 – Advanced Analytical Chemistry* Fall 2009

Instructor: Dr. Audra Goach Sostarecz
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Office Hours: 10:00am - 10:50am M
10:00am – 10:50am W
1:00pm – 1:50pm F
others by appointment

Lecture: MWF 9:00-9:50am; HT 306

***Concurrent with Chem 325 Integrated Laboratory**

Required Textbook: Undergraduate Instrumental Analysis, 6th Edition, James W. Robinson, Eileen Skelly Frame and George M. Frame II

Required Readings and Handouts: TBA on webpage <http://personal.monm.edu/asostarecz/default.htm>

Grading:

Exam Dates:

Exams (3)	50%	Sep 25
Presentations	15%	Nov 4
Quizzes	15%	Dec 9
Final Exam	20%	FINAL EXAM: 8 am; Monday, Dec 14

Letter Grades: A → 93 ← A₋ → 90 ← B₊ → 87 ← B → 83 ← B₋ → 80 ← C₊ → 77
77 ← C → 73 ← C₋ → 70 ← D₊ → 67 ← D → 63 ← D₋ → 60 ← F → 0

Goals: This class will provide you with a comprehensive understanding of the most common analytical instrumentation used today in industry and academic research. You will become skilled in the theory behind the instrumentation along with predicting and interpreting spectra.

Attendance: It is your responsibility to be in lecture every week. If an incident arises that will require you to miss a class, please contact me by phone or an office visit before the lecture. You will be held responsible for all material covered in your absence. For full credit of assignments missed, you will be required to complete them in a reasonable amount of time.

Exams: Three 50 minute exams will be given during the semester. Unexcused absences on any exam will count as a zero. For an excused absence, you need to contact me (phone or office visit) before the exam begins.

Presentations: In groups of 2, each student will be asked to give a presentation as part of that day's lecture. The dates and topics for these lectures are pre-set on your syllabus. You will be asked to decide as a group what date/topic each group wants.

Quizzes: Quizzes (in class/take-home) consist of lecture and/or homework material.

Final Exam: The final exam is scheduled for **Mon, Dec 14 at 8am**. See me early if you have a conflict.

Participation: Class participation will help determine borderline grades.

Academic Dishonesty and Plagiarism: The following is taken from the Monmouth College policy on academic dishonesty:

We view academic dishonesty as a threat to the integrity and intellectual mission of our institution. Any breach of the academic honesty policy – either intentionally or unintentionally - will be taken seriously and may result not only in failure in the course, but in suspension or expulsion from the college. It is each

student's responsibility to read, understand and comply with the general academic honesty policy at Monmouth College, as defined here in the Scots Guide, and to the specific guidelines for each course, as elaborated on the professor's syllabus.

The following areas are examples of violations of the academic honesty policy:

1. Cheating on tests, labs, etc;
2. Plagiarism, i.e., using the words, ideas, writing, or work of another without giving appropriate credit;
3. Improper collaboration between students, i.e., not doing one's own work on outside assignments specified as group projects by the instructor;
4. Submitting work previously submitted in another course, without previous authorization by the instructor.

Please note that this list is not intended to be exhaustive.