

Forensic Analytical Chemistry Syllabus

Instructor: Grace Zoorob

Chem 227 W, Spring 2008, 3 credit hrs

TA: Leslie Hiatt

Email: leslie.hiatt@vanderbilt.edu

Office hours: Monday 3-5 in SC 5512

Mail Box: Below stairwell on 3rd floor of SC building #7

Course Objectives:

- Understand experimental design and its direct application to forensics
- Become comfortable with the analytical techniques utilized
- Improve writing skills to prepare students for post-graduate work

Course Expectations:

I want to help you succeed in this course. Please feel free to stop by for help during my office hours or send me an email with any questions. If you are working hard, I will work hard to help you.

Lab Rules:

1. Follow lab safety rules: 3 strike policy
 - a. Strike 1: Warning
 - b. Strike 2: Points off your lab
 - c. Strike 3: Kicked out and receive a zero for the lab
2. If you come without appropriate lab attire, you will be sent home to change. (Closed toe shoes and long pants)
3. Quizzes will be handed out at the beginning of class. If you miss it due to tardiness, you will receive a zero. I will also not delay the whole class to let you finish if you arrive late.
4. Pre-labs need to be turned in at the beginning of lab. Lab reports are due one week after the experiments are completed. No late work will be accepted.

Grading and Assessment:

Each lab report will be worth 100 points and each quiz will be worth 5 points. There will be 8 lab reports in all. Please review Vanderbilt's honor code as no dishonesty will be tolerated.

(http://www.vanderbilt.edu/student_handbook/chapter2.html)

Laboratory reports need to follow the format of a research paper in the American Chemical Society journal. These reports are the primary writing assignment in the course. They will be graded on content and scientific writing style (format, organization, clarity, grammar etc.) using a detailed rubric. Students are encouraged to turn in a draft lab report for the first experiment only and schedule a conference with the TA to get feedback. All other submitted laboratory reports are final.

If there are any questions about grading, or if you feel there has been an error, please see me during my office hours.