

CHM 4130
Analytical Chemistry II
Instrumental Analysis
Fall, 2018

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Lectures: M, W, F, Period 7 (1:55 PM - 2:45 PM), TUR 2334

The lectures are designed to facilitate your learning, discuss important concepts and direct your study. Class attendance will allow you to focus on the important concepts. To master this course, it is very important that you keep up with both the reading of book chapters and the working of homework problems. In addition, this course covers a lot of material and it moves very fast. Do not let yourself get behind.

Office Hours (Dr. Cao): Thursday: 9:00-11:00 am (226 Leigh Hall) or by appointment.

Office Hours (Mr. Xiao): Tuesday: 9:30pm-11:30pm (206 Leigh) or by appointment.

Textbook: Principles of Instrumental Analysis 7th Ed., Douglas A. Skoog, F. James Holler and Stanley R. Crouch, Thomson Brooks/Cole, 2017.

Problem Sets: Ten homework sets will be assigned throughout the semester as an aid in comprehending the course material. The homework sets will be very helpful in preparing for the exams. As needed, homework and the related material will be discussed in class.

Exams: There will be three 2-hour exams during the semester as well as a comprehensive final exam. The exams will cover homework problems and will emphasize understanding the lecture material and problem solving. All exams will be closed book.

Exam I: September 20 (Th): 8:20 p.m. – 10:20 p.m.: E2-E3, TBA

Exam II: October 18 (Th): 8:20 p.m. – 10:20 p.m.: E2-E3, TBA

Exam III: November 15 (Th): 8:20 p.m. – 10:20 p.m.: E2-E3, TBA

Final: December 10 (M): 3:00 PM - 5:00 PM, TUR 2334

Evaluation of Grades:

(1) Exams: The first three exams are worth 250 points, and the best two of them are counted into final score. The final exam is worth 300 point.

(2) Homework: The total points for homework assignments are 100 points: each one is worth 10 points if you turn the assignment in with total complication on time, while turning homework in late will cost 2 points per day.

(3) Class attendance will be tracked with an attendance sheet provided by TA in each class. Each unexcused absence will result in a 10-point reduction in the final grade. Excused absences are consistent with university policies in the undergraduate catalog (<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>) and require appropriate documentation.

Total = 2 x 250 points + 300 points + 100 points = 900 points

Grading Policy:

A:	801 – 900
A ⁻	774 – 800
B ⁺	747 – 773
B:	720 – 746
B ⁻	693 – 719
C ⁺	666 – 692
C:	639 – 665
C ⁻	612 – 638
D ⁺ :	594 – 611
D:	567 – 593
D ⁻ :	540 – 566
E:	0 – 539

Make-Up Policy

A makeup exam will be provided for students who miss either exam due to extreme, documented circumstances. Students should arrange with the instructor for makeup material, and the student will receive one week to prepare for any makeup assignment, if circumstances allow it.