

Chemistry 251 Organic Chemistry Tutorial B

Mondays: 3:30pm-4:50pm GFS 222

<http://chemmac1.usc.edu/251/>

The purpose of CHEM 251 is to strengthen the problem solving skills needed to succeed in Chem 322B. This class provides a discussion section format to accompany Chem 322B. This course will provide you with valuable problem-solving strategies.

Chem 251 will expand on the fundamental principles taught in the first semester course. The focus will explore critical concepts. The core content will take a mechanistic approach to predicting products and solving synthesis problems.

Instructor: Dr. Rebecca M. Broyer

Email: rbroyer@usc.edu

Office: SGM 305

Office Hours: Mondays 12:30pm-2pm pm, Wednesdays 12:30pm-1:45pm

Prerequisite: A passing grade in CHEM 322A (first semester organic chemistry) or an equivalent course.

Corequisite: Chem 322B

Credit: 2 units, P/NP; this course cannot be taken for major or general education credit

Website: www.chemmac1.usc.edu/251/

Materials: Organic Chemistry As a Second Language, 4e: Second Semester Topics (ISBN-13: 978-1119110651, ISBN-10: 1119110653)

Content: Chem 251 will cover all of the material covered in Chem 322B with a focus on problem solving skills.

Structure: Each week a worksheet will be provided. The worksheet will include some review material from the lectures in Chem 322B the previous week. There will be problems that are designed to improve problem- solving skills and emphasize the key concepts. The problems can be worked on individually or in small groups. Groups of 3 or 4 will be the most effective. The worksheets will not be turned in, but answers will be provided at the end of the class period.

Homework: Each week there will be a homework assignment that is due the following class period. The focus of the class is to encourage students to practice working the problems for Chem 322B. Answers for the homework assignments will be provided in class after the assignment has been turned in.

Grading:	Participation and in-class assignments	13 classes @ 20 points	260 points
	Homework	14 assignments @ 10 points	140 points
	Total:		400 points

Accumulate at least 275 points throughout the semester and you will earn the grade CR (credit) in the class.

Academic Integrity:

USC seeks to maintain an optimal learning environment. General principles of academic honesty include the concept of respect for the intellectual property of others, the expectation that individual work will be submitted unless otherwise allowed by an instructor, and the obligations both to protect one's own academic work from misuse by others as well as to avoid using another's work as one's own. All students are expected to understand and abide by these principles. Scampus, the Student Guidebook, contains the Student Conduct Code in Section 11.00, while the recommended sanctions are located in Appendix A: <http://www.usc.edu/dept/publications/SCAMPUS/gov/>. Students will be referred to the Office of Student Judicial Affairs and Community Standards for further review, should there be any suspicion of academic dishonesty. The Review process can be found at: <http://www.usc.edu/student-affairs/SJACS/>.

Students with Any student requesting academic accommodations based on a disability is required to register with

Disabilities: Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. DSP is located in STU 301 and is open 8:30 a.m.–5:00 p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.