

**CHEMISTRY 334L, SPRING 2013**  
**ORGANIC CHEMISTRY II LABORATORY**

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| <b>Coordinator</b>          | Jeff Charonnat<br>Office: Magnolia 4301<br>Office Hours: MTTh 3:15 pm – 4:15 pm<br>Phone: (818) 677-2109<br>E-mail: jeff.charonnat@csun.edu  |
| <b>Class Meetings</b>       | M 11:00 am – 1:50 pm, M 2:00 pm – 4:50 pm, T 8:00 am – 10:50 am,<br>W 8:00 am – 10:50 am, W 11:00 am – 1:50 pm, Th 11:00 am – 1:50 pm,<br>Th 2:00 pm – 4:50 pm, F 8:00 am – 10:50 am, or F 11:00 am – 1:50 pm.<br>Magnolia 4306  |
| <b>Text &amp; Supplies</b>  | California State University, Northridge, <i>Chemistry 334L Laboratory Manual</i> .<br>A pair of safety goggles.<br>Wade, <i>Organic Chemistry</i> , 7th edition.<br>Simek and Wade, <i>Solutions Manual for Organic Chemistry</i> , 7th edition.<br>A set of molecular models (e.g., <i>Molecular Visions</i> models). |
| <b>Course Web Site</b>      | <a href="http://www.csun.edu/~hcchm007/chem334L.html">http://www.csun.edu/~hcchm007/chem334L.html</a>  |
| <b>Additional Resources</b> | Oviatt Library technique DVDs.   |

### Requisite Courses

Passing grades in Chemistry 333 and Chemistry 333L are required prerequisites.

Current enrollment or a previous passing grade in Chemistry 334 is a required corequisite.

### Course Content and Objectives

This laboratory course is an introduction to reactions common in chemical synthesis, including arene substitution, transformations of carbonyl compounds, the Diels-Alder reaction, and polymer synthesis.

### Student Learning Outcomes

Students will work effectively and safely in a laboratory environment. They will have the ability to a) follow experimental chemical procedures; b) maintain a proper laboratory notebook; c) perform chemical syntheses; and d) perform qualitative analysis.

### Grading

The grade in this course will be based on the completion of the experiments, pre-laboratory preparation, the laboratory notebook, reports, unknowns, products, quizzes, and an evaluation of experimental technique. See the point distribution handout for details. Point total for the course: 120 points.

No make-up quizzes nor lab sessions will be given. Excused absences, substantiated by an appropriate, written confirmation received within two weeks, will result in no penalty. Unexcused absences will result in a zero for the experiment(s) in question. A maximum of two excused absences will be allowed.

By enrolling in this class, you agree to abide by all California State University, Northridge policies of academic honesty and integrity. Students violating these standards will receive a zero for the work in question and will have their case referred to the Student Affairs Office for appropriate disciplinary action. See pages 646–648 of the 2012–2014 California State University, Northridge catalog for details of the University policies.

Overall point totals in this course will be normalized across laboratory sections. After normalization has been applied, the following, approximate percentage values will be used for the assignment of final course grades: 85% and above: A; 75–84%: B; 60–74%: C; 50–59%: D; below 50%: F.

The +/- grading system will be used for the assignment of overall course grades.