

# Organic Chemistry Lab II

CHEM2325

## Course Description

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Graded laboratory. It is recommended that students take CHEM 2320 in the same semester as this course.

Prereq: CHEM 2310 w/C grade or better

Semester: All

## Course Student Learning Outcomes

Lab Hygiene & Lab Safety

Scientific Communication in Formal Lab Reports & Group Presentations

Lab Preparedness in hand-written Lab Notebooks

Lab Techniques including Extraction, Recrystallization, Distillation, Filtration

Analytical Techniques including Melting Point, IR Absorption, Mass Spec, & NMR

Organic Reactions including Aromatic Substitution, Nucleophilic Addition to Carbonyls,

Oxidation of Alcohols, Acyl Substitution & Carbonyl Alpha-Beta Condensation Reactions

## Brief Description of Assignments/Exams

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Pre-Lab Quizzes (10 pts)

Post-Lab Quizzes (5 pts)

Lab Reports (15 pts)

## Grading Scale

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100 - 93 % (A)	83 - 80 % (B-)
93 - 90 % (A-)	79 - 77 % (C+)
89 - 87 % (B+)	76 - 74 % (C)
86 - 84 % (B)	73 - 70 % (C-)
	69 - 67 % (D+)

66 - 64 % (D)

63 - 60 % (D-)

< 60 % (E)

## Institutional Policies

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As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

You can access the document by clicking on the following link:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>

## Learning Support and Tutoring Services

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We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, please visit the Institutional Syllabus under the Tutoring and Learning Support tab:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

## Advising and Counseling Support Services

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At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, please visit the Institutional Syllabus under the Advising and Counseling Support Services tab: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

## Student Academic Calendar

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As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)