

NOTE to prospective students: This syllabus is intended to provide students who are considering taking this course an idea of what they will be learning. A more detailed syllabus will be available on the course site for enrolled students and may be more current than this sample syllabus. Summer term courses may be accelerated – please check the [Ecampus Schedule of Classes](#) for more information.

CH 337 ORGANIC CHEMISTRY

COURSE CREDIT

(4) This course combines approximately 120 hours of instruction, online activities, and assignments for 4 credits.

PREREQUISITES, CO-REQUISITES AND ENFORCED PREREQUISITES

(CH 331 [D-] and CH 332 [D-]) or (CH 334 [D-] and CH 335 [D-] and CH 336 [D-]) and one year of general chemistry at OSU (or equivalent from another institution) or instructor approval.

Prerequisite overrides: The chemistry department asks that all prospective students, both degree-seeking and non-degree seeking students, provide documentation verifying completion of the course prerequisites. Instructions for submitting documentation are found at [this website](#).

COURSE DESCRIPTION:

Service course covering aliphatic and aromatic chemistry. Introduction to nomenclature, mechanism and synthesis. Lec/rec.

CONTACT INFORMATION:

Please see [this website](#) for instructor information.

Sample syllabi may not have the most up-to-date information. For accuracy, please check the [ECampus Schedule of Classes](#) to see the most current instructor information. You can search for contact information by name from the OSU Home Page.

LEARNING RESOURCES:

NOTE: For textbook accuracy, please always check the textbook list at the [OSU Bookstore website](#). Sample syllabi may not have the most up-to-date information.

Students can also click the '[OSU Beaver Store](#)' link associated with the course information in the [Ecampus schedule of classes](#) for course textbook information and ordering.

COURSE SPECIFIC MEASURABLE STUDENT LEARNING OUTCOMES:

COURSE CONTENT AND POLICIES:

Certain medical conditions may limit your full participation in the experimental components of this class. Students with conditions that could be negatively influenced by exposure to any of the materials used in the class should contact the instructor as soon as possible to discuss their options. Appropriate accommodations will be made on an individual case by case basis and where deemed necessary, in consultation with a health care provider.

Tentative Schedule of Topics:

Weeks 1,2: **Online** Laboratory techniques and related concepts that will be used during the practical laboratory component

Weeks 3, 4: **On-campus** Practical laboratory component; Chemistry at the σ Carbon of aldehydes, ketones and esters; Amines and amides; Amino acids, peptides and proteins; Radical chemistry

Experiments

- Isolation of trimyristin from nutmeg
- Synthesis of salicylic acid
- Distillation of a methanol/water mixture
- Synthesis of E,E-dibenzalacetone
- Synthesis of benzoic acid
- Isolation of greenleaf pigments from spinach
- Dehydration of 2-butanol
- Dehydrohalogenation of 2-bromobutane

EVALUATION OF STUDENT PERFORMANCE:

Grading

- Safety test (.5%)
- Prelabs (1%)
- Notebooks (2%)
- Lab reports (42%)
- Formal report (4.5%)

- Midterm Exam (25%)
- Final Exam (25%)

Examinations

Students will take a midterm examination and a comprehensive final examination. Both exams will be taken during the **on-campus** component of the class.

CUTOFFS FOR GRADES ARE:

A (90%), A- (86.7%), B+ (83.4%), B (80%), B- (76.7%), C+ (73.4%), C (70%), C- (66.7%), D+ (63.4%), D (60%), D- (56.7%), F (<56.7%)

COURSE SITE LOGIN INFORMATION

Information on how to login to your course site can be found [HERE](#).

STATEMENT REGARDING STUDENTS WITH DISABILITIES

Oregon State University is committed to student success; however, we do not require students to use accommodations nor will we provide them unless they are requested by the student. The student, as a legal adult, is responsible to request appropriate accommodations. The student must take the lead in applying to Disability Access Services (DAS) and submit requests for accommodations each term through DAS Online. OSU students apply to DAS and request accommodations at our [Getting Started with DAS](#) page.

Accommodations are collaborative efforts between students, faculty and Disability Access Services (DAS). Students with accommodations approved through DAS are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term to discuss accommodations. Students who believe they are eligible for accommodations but who have not yet obtained approval through DAS should contact DAS immediately at 541-737-4098.

Additionally, Canvas, the learning management system through which this course is offered, provides a [vendor statement](#) certifying how the platform is accessible to students with disabilities.

ACADEMIC INTEGRITY AND STUDENT CONDUCT (OSU POLICY)

Students are expected to be honest and ethical in their academic work. Intentional acts of academic dishonesty such as cheating or plagiarism may be penalized by imposing an "F" grade in the course.

Student conduct is governed by the universities policies, as explained in the Office of the Dean of Student Life: Student Conduct and Community Standards. In an academic community, students and faculty, and staff each have responsibility for maintaining an appropriate learning environment, whether online or in the classroom. Students, faculty, and staff have the responsibility to treat each other with understanding, dignity, and respect.

Students are expected to conduct themselves in the course (e.g. on discussion boards, email postings, etc.) in compliance with the university's regulations regarding civility. Students will be expected to treat all others with the same respect as they would want afforded to themselves. Disrespectful behavior (such as harassing behavior, personal insults, inappropriate language) or disruptive behaviors are unacceptable and can result in sanctions as defined by Student Conduct and Community Standards.

For more info on these topics please see:

- [Statement of Expectations for Student Conduct](#)
- [Student Conduct and Community Standards - Offenses](#)
- [Policy On Disruptive Behavior](#)

PLAGIARISM

You are expected to submit your own work in all your assignments, postings to the discussion board, and other communications, and to clearly give credit to the work of others when you use it. Academic dishonesty will result in a grade of "F."

- [Statement of Expectations for Student Conduct](#)
- [Avoiding Academic Dishonesty](#)

TECHNICAL ASSISTANCE

If you experience computer difficulties, need help downloading a browser or plug-in, assistance logging into the course, or if you experience any errors or problems while in your online course, contact the OSU Help Desk for assistance. You can call (541) 737-3474, email osuhelpdesk@oregonstate.edu or visit the [OSU Computer Helpdesk](#) online.

- [COURSE DEMO](#)
- [GETTING STARTED](#)

TUTORING

For information about possible tutoring for this course, please visit our [Ecampus NetTutor](#) page. Other resources include:

- [Writing Center](#)
- [Online Writing Lab](#)

STUDENT EVALUATION OF TEACHING

The online Student Evaluation of Teaching form will be available in week 9 and close at the end of finals week. Students will be sent instructions via ONID by the Office of Academic Programs, Assessment, and Accreditation. Students will log in to “Student Online Services” to respond to the online questionnaire. The results on the form are anonymous and are not tabulated until after grades are posted. Course evaluation results are very important and are used to help improve courses and the learning experience of future students. Results from questions are tabulated anonymously and go directly to instructors and unit heads/supervisors. Unless a comment is “signed,” which will associate a name with a comment, student comments on the open-ended questions are anonymous and forwarded to each instructor. “Signed” comments are forwarded to the unit head/supervisor.

REFUND POLICY INFORMATION

Please see the [Ecampus website](#) for policy information on refunds and late fees.