

Course Syllabus

CHMO 232: Organic Chemistry II

Class Time and	M/W/F 12:00-12:50 PM
Course Mode:	In-person GOS-1250
Prerequisite(s)/Co-requisite courses:	CHMO-231 Organic Chemistry I or equivalent

Instructor Information

Instructor:	Dr. Tina Goudreau
Contact Information:	cgcsch@rit.edu
Office Hours:	GOh Session leader times posted
Instructor-Student Communication	Mycourses email notifications
Online Course Material/Course Webpage:	MyCourses and WileyPlus online homework

Course Description

Catalog Description

This course is a continuation of the study of the structure, nomenclature, reactions and synthesis of the following functional groups: aromatic systems, alcohols, ethers, epoxides, and carbonyls. This course will introduce the use of mechanisms in describing and predicting organic reactions.

Course Materials

Required Texts and Resources	David Klein, Organic Chemistry 1st , 2nd , or 3rd Edition, Wiley.
Technology requirements:	A stable internet connection, access to Mycourses, and WileyPlus (online homework).

Course Overview

This course is probably a requirement for your major or you are taking it as part of the pre-requisite to apply to a medical/dental/veterinary/pre-health program. This course is truly a foundational course that trains students to become more comfortable with molecular structure as it relates to organic molecules. It is also critical in laying the foundation for you to gain insight on how functional groups behave, explaining many topics you will cover in other coursework.

Course Learning Outcomes

- Identify and describe various organic functionality and their properties
- Contrast and compare the reactivity of various carbonyl functional groups.
- Identify when a ring is aromatic.
- Predict the products of various organic reactions including electrophilic aromatic substitutions.
- Predict the products of the reactions of alcohols and ethers.
- Predict the products of the reactions of ketones and aldehydes.
- Predict the products of the reactions of carboxylic acids and their derivatives.
- Predict the products of the reactions of condensations and alpha-substitutions of carbonyls.
- Predict the products of the reactions of amines

ITS Service Desk

The ITS Service Desk is your point of contact for your RIT Computer Account, network, or technology-related issues. The Service Desk can:

- Troubleshoot your technology issues
- Create a work request ticket and connect you with ITS specialists

When you contact the ITS Service Desk by phone, e-mail, or in-person we create a ticket and share it with you. Your ticket allows you to track progress on your issue, communicate with us quickly, and refer back to the solution if you encounter the problem again. You can also leave us feedback on how we handled your problem.

- Phone Support: (585) 475-4357
- Web Form: help.rit.edu
- In Person: Frank E. Gannett Hall, Room 1113

Course Schedule

Date start	Material Covered
Week Jan 16:	Chapt 12 Part I (OH)
Week Jan 22:	Chapt 12 Part II (OH)
Week Jan 24:	Chpt 13 (ethers- This is a review chapter!)
Week Jan 29:	Catch up and review
Exam 1 in-class, Friday Feb 2nd Content: Alcohols, ethers, and epoxides	
Week Feb 5:	Chapt 16 Diels Alder/Conj
Week Feb 12:	Chapt 17 Aromaticity
Week Feb 19:	Chapt 18 Aromatic rxns
Week Feb 26:	Finish Chapt 18 and review
Exam 2 in-class, Friday March 1st Content: Diels Alder, Conjugation, Aromaticity, and EAS	
Week March 4:	Chapt 19 Ketones/Ald P1
Week March 18:	Chapt 19 Ketones/Ald P2
Week March 25:	Chapt 20 COOH (some flipped class content)
Week April 1:	Catch up and review
Exam 3 in-class, Friday April 5th Content: Ketones, Aldehydes, and COOH and Derivatives	
Week April 8:	Chapter 21: Alpha Carbon Chem
Week April 15:	Chapter 21: Alpha Carbon Chem
Week April 22:	Chapter 22: Amines
Monday April 29:	Review
Exam 4 given during the final exam time. Content: Alpha carbon chemistry, and amines	
After you take exam 4, you have the option to retake another exam. The better score will be swapped out and used for your grade.	

Grading/Evaluation

Graded Item	% of Grade
Online Homework	25%
Four Exams	75%
Final Exam = Second Chance Exam (optional) Replaces a previous exam	0%
Total	100%

Grade Scale

RIT's Grading Policy can be found here:

<https://www.rit.edu/academicaffairs/policiesmanual/d050>

Based on the 100% total listed above, letter grades will be assigned as follows:

A : > 90%	B+ : 89.9-86%	B : 85.9-80%	C+ : 79.9-76%
C : 75.9-70%	C- : 69.9-66%	D : 65.9-60%	F : < 60%

Course Expectations

Instructor's expectations of students

- You will need to use myCourses to stay informed about the course.
- Homework assigned through WileyPlus online will be expected to be completed by the due dates given.
- Exams will be timed and administered during class time.

Email / Communication policy (expectations of students)

Today's society has become very lax with communication. In an attempt to prepare you for the real world, I will not respond to emails that are written in a form that I cannot decipher or that come from unknown email addresses. Email messages that more closely resemble text messages to your BFF than an email to your professor will not be answered. Make your grandma proud and write a proper letter!

- Emails to me should always include the following and serves as a great guideline for all your courses or job prospects:

- To line – to whom are you writing? Address them professionally! Dr., Prof., etc. If you do not know, Mr. or Ms. is acceptable, but in college courses, Professor is more appropriate. (You can call me Dr. G 😊)
- Class reference – of which class are you inquiring? Many of your professors teach more than one class! For a job? What is the job title? (This is super helpful to me!)
- Your question(s), statement(s), etc. – written in comprehensible English, please!
- Your name – your professors, and others, would like to reply to you in a similar professional manner. Do NOT assume that the RIT email system will tell us who you are – it will not always. YOU tell us who YOU are! (I kid you not, I have had to start emails with ‘Dear Ninjagod592’ before)
- Recommend students add an email signature to their RIT email client which is automatically added to all outgoing emails. At a minimum an email signature should contain the students full name, College, Department, and Major, along with any other contact information that the student feels comfortable sharing (e.g. cell phone number). (I like knowing your major 😊)
- Recommend students check that their email profile contains their full name.

Student time commitment

Since this is a 3-credit hour course, you should plan to spend 3 hours per week in lecture and an additional 6 to 9 hours on readings, practice problems, and homework assignments. The rule-of-thumb is 2 to 3 hours per week outside the “classroom” for every credit hour per week in the classroom. If you do the math, it adds to 9–12 hours per week, total.

What Students can expect of me

- Grades will be posted on myCourses within 2 weeks of artifact submission, unless otherwise noted in the assignment. This is in accordance with the RIT Policy D05.0 Grades which states in part, “*Faculty members must provide feedback for all submitted work within two weeks of the submission deadline. Posting grades to RIT’s Electronic Course Management System is required. The two-week posting requirement is waived in the case of deadline extensions, late submission of work, any extraneous circumstances, or when explicitly stated in the evaluation criteria.*”

<https://www.rit.edu/academicaffairs/policiesmanual/d050>.

- Posting of office hours and the location can be found on myCourses and will be updated as needed. If those times do not work for you, you may always request an appointment via email.
- Email / Communication policy:

For this class, I will respond to your email within **24 hours** Monday through Friday. If you do not hear from me in that time frame, please resend your email, as things do get lost. Over the weekend, do not expect an immediate response. Now, it is quite likely that you will receive your response in less than 24 hours, but I do not guarantee it.

General Course Policies

Academic Integrity Statement

As an institution of higher learning, RIT expects students to behave honestly and ethically at all times, especially when submitting work for evaluation in conjunction with any course or degree requirement. RIT Online encourages all students to become familiar with the [RIT Honor Code](#) and with [RIT's Academic Integrity Policy](#).

Do not cheat. Avoid the appearance of cheating in this class. Do not allow others to cheat from you.

D.08.0 Student Academic Integrity Policy

IV. ACADEMIC INTEGRITY A breach of student academic integrity falls into three basic areas: cheating, duplicate submission and plagiarism

A. Cheating: Cheating is any form of fraudulent or deceptive academic act, including falsification of data, possessing, providing, or using unapproved materials, sources, or tools for a project, exam, or body of work submitted for faculty evaluation.

B. Duplicate Submission: Duplicate submission is the submitting of the same or similar work for credit in more than one course without prior approval of the instructors for those same courses.

C. Plagiarism: Plagiarism is the representation of others' ideas as one's own without giving proper attribution to the original author or authors. Plagiarism occurs when a student copies direct phrases from a text (e.g. books, journals, and internet) and does not provide quotation marks or paraphrases or summarizes those ideas without giving credit to the author or authors. In all cases, if such information is not properly and accurately documented with appropriate credit given, then the student has committed plagiarism.

If you are caught cheating on any assignment or exam, appropriate academic disciplinary action will be taken to the fullest extent allowed by the University. Refer to your "Students Rights and Responsibilities" handbook for further guidance on the Academic Dishonesty policy at RIT.

<https://www.rit.edu/academicaffairs/policiesmanual/d080>.

Statement on Reasonable Accommodations

RIT is committed to providing academic adjustments to students with disabilities. If you would like to request academic adjustments such as testing modifications due to a disability, please contact the Disability Services Office (DSO). Contact information for the DSO and information about how to request adjustments can be found at <https://www.rit.edu/disabilityservices/>. After you receive academic adjustment approval, it is imperative that you see me during office hours so that we can work out whatever arrangement is necessary.

Course Copyright Policy

All course materials students receive or to which students have online access are protected by copyright laws. Students may use course materials and make copies for their own use as needed,

but unauthorized distribution and/or uploading of materials without the instructor's express permission is strictly prohibited. RIT Policy C03.2 Copyright Policy addresses this issue (<https://www.rit.edu/academicaffairs/policiesmanual/c032>). For example, uploading completed labs, homework, or other assignments to any study site constitutes a violation of this policy. Students who engage in the unauthorized distribution of copyrighted materials may be held in violation of the University's Code of Conduct, and/or liable under Federal and State laws.

Starfish

This course participates in the RIT Starfish academic alert system, which is designed to promote student success through communication between students, instructors, and advisors. I will send a whole-class status update to all students before the semester midpoint. When I am concerned about an individual student's academic performance, I may raise an academic alert to notify the student as well as their advisor(s). On the other hand, when a student is doing well, I may send a "kudos" message. If you receive an academic alert email, it is your responsibility to contact me as soon as possible to discuss the issue, its potential impact on your success in the course, and identify people and resources to help you move forward. For more information about the Starfish system, visit <http://www.rit.edu/starfish>.

Statement on Title IX

Title IX violations are taken very seriously at RIT. RIT is committed to investigate complaints of sexual discrimination, sexual harassment, sexual assault and other sexual misconduct to ensure that appropriate action is taken to stop the behavior, prevent its recurrence, and remedy its effects. Please view the [Title IX Rights and Resources at RIT](#); you can find additional syllabus language that you can modify as need on its Syllabus Language subpage.

Policies Specific to this Course

Course Modality (in-person)

This course will be delivered in-person with homework administered via the WileyPlus online homework system. All lectures have been pre-recorded in case you are sick, quarantined, or missed class for any reason. All videos are organized under the content section of Mycourses. Additionally, course note templates are also available so as to make following along easier. The class times and office hours should not be used for personal issues since they are not private. If you have a personal matter to discuss, please feel free to contact me via email and schedule an appointment.

Internet Connection (Required)

For this course, a reliable and consistent internet connection is required.

All students, faculty, and staff are responsible for familiarizing themselves with the RIT [Computer Policy](#).

For this course, some learning materials will be provided in myCourses and/or other online platforms. By this, your access to a strong internet connection regularly is imperative to your success. Access to a reliable Internet connection is required for this course. A problem with your Internet access may not be used as an excuse for late, missing, or incomplete coursework. If you experience problems with your Internet connection while working on this course, it is your

responsibility to find an alternative Internet access point, such as a public library or Wi-Fi ® hotspot.

Other Elements

Diversity, Inclusion, and Respect

RIT has put forth [Policy P05.0 Diversity Statement](#) for all community member. RIT through its policies and practices is responsible for building an inclusive environment where membership in the community allows for faculty, staff and students to reach their fullest potential, both professionally and personally. RIT is committed to the development, administration and interpretation of policies and procedures in a way that is consistent with our commitment to diversity and is in compliance with federal, state and local laws. RIT's policies and procedures are administered in a way that supports fair treatment for all faculty, staff, students, and the RIT community at large.

Online Safety

RIT is committed to educational access for all. Our students come from all walks of life and have diverse life experiences. As with any other online community, the lack of physical interaction in an online classroom can create a false sense of anonymity and security. While one can make new friends online, digital relationships can also be misleading. Good judgment and decision making are critical when choosing to disclose personal information with others whom you do not know, which will likely include individuals within our class for you.

Counseling and Psychological Services

Many students at RIT face personal challenges or have psychological needs that may interfere with their academic progress, social development, or emotional wellbeing. The university offers a variety of confidential services to help you through difficult times, including individual and group counseling, crisis intervention, consultations, online chats, and mental health screenings. These services are provided by staff who welcome all students and embrace a philosophy respectful of clients' cultural and religious backgrounds, and sensitive to differences in race, ability, gender identity and sexual orientation.

Located on the second floor of the August Center building (above the Student Health Center), [Counseling and Psychological Services](#) provides confidential and personalized services to meet the mental health needs of currently enrolled, undergraduate and graduate students on the Henrietta campus.

Our mission is to enhance the RIT student potential for learning and success and to promote the emotional health and well-being of the campus community through:

1. Providing responsive, empirically-based, and culturally competent mental health services that include:
 - Short-term individual psychotherapy
 - Group counseling and psychotherapy
 - Urgent Care crisis intervention
 - Assessment and evaluation
 - Psychiatric services

2. Providing graduate clinical training in counseling, psychotherapy and college mental health
3. Providing campus-wide consultation and education

Campus Location: 2100 August Center, second floor (Currently, all appointments are conducted via phone or Zoom)

Phone:

During Business Hours: 585-475-2261

After Business Hours, Weekends/Holidays: 855-436-1245

Fax: 585-475-6548

Email: caps@rit.edu

NOTE: DO NOT USE E-MAIL IN AN EMERGENCY SITUATION, since you cannot be assured that a counselor will open it at your time of need.

Emergency Contacts:

For urgent matters during business hours, contact Counseling and Psychological Services at 585-475-2261.

For urgent matters that cannot wait for business hours, call 1-855-436-1245 to speak with a mental health provider or call Public Safety at 585-475-3333.

National Suicide Hotline: **1 800 273-8255**

Crisis Text Line: Text **HOME** to **741741**

Changes to the syllabus

I have provided this syllabus as guide to our course and have made every attempt to provide an accurate overview of the course. However, as instructor, I reserve the right to modify this document during the semester, if necessary, to ensure that we achieve course learning objectives. You will receive advance notice of any changes to the syllabus through myCourses/email.

Continuity of Learning (Course-level)

In the event that there is a disruption in our learning, I will communicate all changes to you as quickly as possible. If a personal interruption removes me from the classroom space, you will be informed of this directly via email and on myCourses. In this communication, any changes in the learning structure will be carefully outlined, as will all necessary steps moving forward, for you and for me. Communication is key, and it will be important for you to check your RIT email and myCourses regularly this semester so that you are always “in the know”.

Continuity of Learning (Student-level)

The RIT Safety Plan includes a section specifically for students, including accommodations, travel, health, etc. <https://www.rit.edu/ready/rit-safety-plan#for-students>. This site will be updated as needed to provide important information regarding your requirements for being on campus and staying healthy.

In the event that there is a disruption in your ability to learn with us, communication is key. The faster you can communicate these disruptions with me, the easier it is to keep you on a successful path in this course. If your absence from class is due to personal illness, please contact the Disability Services Office (<https://www.rit.edu/disabilityservices/>) as soon as possible. You may also reach out to your Academic Advisor who can assist you in making all of the necessary contacts with DSO, your instructors, etc.

Changes to the University Calendar

In the event that there is a significant change to the University calendar, this syllabus will be modified to meet those changes, if necessary. Modifications will be shared immediately with our class via myCourses and communications directly from me.

Resources

Everyone in the RIT Community is dedicated to your success. With this, you need to avail yourself of help when you need it! I am, and all of your faculty are, your first stop. What can we do to help you in the course, or with navigating RIT? Your Academic Advisor should be on speed dial! They are an amazing wealth of information for you and can help you with everything professional, personally, and beyond!

In some cases, you already know that you need very specific help. Have trouble with time management, note taking in class, just getting your academic self together? Check out all of the resources the RIT Academic Success Center has to offer! <https://www.rit.edu/studentaffairs/asc/> From workshops to individual coaching, they have only your success in mind.

If you still need more resources ... ask me or your Academic Advisor and we will help you pinpoint that resource. Of course, asking more than two hours before you need to submit your assignment is always preferred!