

# Course Syllabus

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Course info, part 1

 <p><b>POINT LOMA</b> NAZARENE UNIVERSITY</p>	<p><b>CHEMISTRY 2096</b> <i>Organic Chemistry II</i> <b>3 units</b></p>
<p>Spring 2021</p>	

Course info, part 2

<p><b>Meeting days:</b> MWF</p>	<p><b>Instructor:</b> Dr. Katherine Maloney</p>
<p><b>Meeting times:</b> 8:30-9:25 am (Section 1) and 11-11:55 am (Section 2)</p>	<p><b>Phone:</b> 619.849.3425 <b>Email:</b> <a href="mailto:kmaloney@pointloma.edu">kmaloney@pointloma.edu</a> (<a href="mailto:kmaloney@pointloma.edu">mailto:kmaloney@pointloma.edu</a>)</p>
<p><b>Meeting location:</b> Taylor 106</p>	<p><b>Final Exam:</b> 4:30-7pm, Monday, May 2</p>
<p><b>Office hours:</b> <i>This week:</i> By appointment on <a href="https://pointloma.zoom.us/j/3709958838">Zoom</a> (<a href="https://pointloma.zoom.us/j/3709958838">https://pointloma.zoom.us/j/3709958838</a>) <i>After 1/18:</i> M 2:30-4pm, R 9-10:30 in Rohr Science 316 and by appointment (RS 316 or <a href="https://pointloma.zoom.us/j/3709958838">Zoom</a> (<a href="https://pointloma.zoom.us/j/3709958838">https://pointloma.zoom.us/j/3709958838</a>))</p>	<p><b>Student-led review sessions:</b> Tuesdays 5:30-7 pm, LA 02</p>

PLNU Mission

## To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

### COURSE DESCRIPTION

Examination of basic organic chemistry from a mechanistic perspective and the use of synthetic procedures.

### COURSE LEARNING OUTCOMES

#### Course learning outcomes

Chemistry 304 Goals	Chemistry 304 Outcomes
Students will...	Students will be able to...
...learn to speak and think in the language of organic chemistry.	<ul style="list-style-type: none"><li>• ...translate between the names and formulas of organic compounds, particularly aromatic compounds, carboxylic acids and derivatives, aldehydes, ketones, organometallic reagents, and amines.</li><li>• ...identify important named reactions in organic synthesis, including the Diels-Alder reaction, Friedel-Crafts alkylation &amp; acylation, Sharpless epoxidation, Grignard reaction, the aldol, Claisen and Michael reactions, the Robinson annulation, and the Suzuki reaction.</li></ul>
...recognize the relationship between electronic structure and reaction selectivity.	<ul style="list-style-type: none"><li>• ...provide the starting materials, reagents, or products of common reactions of alkanes, alkenes, alkynes, alcohols, benzene derivatives, organometallic reagents, carboxylic acids and their derivatives, aldehydes, ketones, and amines.</li><li>• ...draw curved-arrow mechanisms for a variety of chemical transformations.</li><li>• ...explain the regio- and stereo-chemical outcome of a reaction using mechanistic reasoning.</li></ul>
...use steric and electronic arguments to predict the rate and product distribution of organic reactions.	<ul style="list-style-type: none"><li>• ...predict the relative stability of species (including alkenes, radicals, cations and anions) on the basis of</li></ul>

	<p>arguments such as resonance, inductive effects, conjugation, and hyperconjugation.</p> <ul style="list-style-type: none"> <li>• ...draw reaction coordinate diagrams for common organic reactions, labeling the reactant(s), product(s), transition state(s), and any intermediates.</li> <li>• ...explain reaction rate and product distribution on the basis of relative energy of reactants, intermediates, transition states, and products of a reaction.</li> </ul>
...understand strategies for designing efficient syntheses of target molecules.	<ul style="list-style-type: none"> <li>• ...propose a reaction or series of reactions that would lead to a given target molecule.</li> <li>• ...justify the selection of one route over another on the basis of reaction rate or selectivity.</li> </ul>
...use infrared (IR) and nuclear magnetic resonance (NMR) spectroscopy for elucidating the structure of organic molecules.	<ul style="list-style-type: none"> <li>• ...use infrared spectral data to infer the functional groups present in an unknown carbon compound.</li> <li>• ...analyze 1D <math>^1\text{H}</math> NMR data – including chemical shift, integration, and splitting information – to infer the electronic environment, equivalence, and proximity of hydrogen atoms in an organic compound.</li> </ul>

**Program Learning Outcomes:** CHEM PLO 2 (GC, IR) and BCHM PLO 3 (GC, IR) will be assessed directly by faculty laboratory instructors' observation of students' use of instruments in the accompanying laboratory (CHE2096L).

## REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

Janice Gorzynski Smith *Organic Chemistry*, 6<sup>th</sup> Edition, and Connect online homework access are required. The accompanying *study guide/solutions manual* is an optional but useful aid.

A *molecular model set* will be a tremendous asset for visualizing three-dimensional structures.

*Preparing for Your ACS Examination in Organic Chemistry, The Official Guide*, published by the American Chemical Society is an optional but useful aid in preparing for the final exam.

More information about resources can be found [here](#).

## COURSE SCHEDULE AND ASSIGNMENTS

Note: This schedule is subject to change. Any substantial changes (i.e. changes to anything other than *Details* or *Readings*) will be announced on the *Announcements* page in Canvas, and modified here in the *Syllabus*. Up-to-date reading assignments will also be listed in each Weekly Overview.

Unless otherwise stated, all Intro Problems and EdPuzzle videos are due before the start of class. All other assignments are due by 11:59pm.

Course schedule

WEEK	DAY	TOPIC	READING/NOTES
1	T 1/11	Review	Review Ch 1-11, 13, 14
	W 1/12	Review	Review Ch 1-11, 13, 14
	F 1/14	Reduction of alkenes, alkynes & alkyl halides	12.1-12.3, 12.5, 12.6
2	M 1/17	<i>MLK day - no class</i>	
	W 1/19	Oxidation of alkenes, alkynes & alcohols	12.7-12.12, 12.15
	R 1/20	Assignment 1 Due (CONNECT only)	
	F 1/21	Finish Redox & <b>Quiz: Chapter 12</b>	12.4
3	M 1/24	Radical halogenation of alkanes	13.1-13.8
	W 1/26	Radical addition & polymerization of alkenes	13.10, 13.13, 13.14
	F 1/28	Resonance and allylic carbocations	14.1-14.6
4	M 1/31	Conjugated alkenes & UV light	14.8-14.11, 14.15
	W 2/2	Introduction to the Diels-Alder reaction	14.12-14.14
	R 2/3	Assignment 2 Due	
	F 2/4	Stereochemistry of the Diels-Alder reaction	14.13c-14.13d
5	M 2/7	Benzene & aromaticity	15.1-15.4, 15.6-15.8
	W 2/9	<b>Exam 1: Chapters 12-14</b>	
	F 2/11	Electrophilic aromatic substitution (EArS)	16.1-16.4
6	M 2/14	Friedel-Crafts alkylation and acylation	16.5
	T 2/15	Assignment 3 Due	
	W 2/16	Directing effects in EArS	16.6-16.11
	F 2/18	Synthesis of benzene derivatives	16.12, 16.16-16.16
7	M 2/21	Properties and reactions of carboxylic acids	19.1-19.3, 19.6-19.9

	W 2/23	Oxidation and reduction of aldehydes & ketones	17.1-17.4, 17.7, 17.8
	F 2/25	Asymmetric reductions: reduction of esters, amides, and acid chlorides	17.5-17.7
		Assignment 4 Due	
8	M 2/28	<b>Exam 2: Chapters 15-17.8, 19</b>	
	W 3/2	Organometallica, part I: Organolithium and Grignard reagents	17.9-17.11, 17.14
	F 3/4	Organometallica, part II: Organocuprates and synthesis	17.13, 17.15, 17.17
	3/7-3/11	<i>Spring Break - no class</i>	
9	M 3/14	Organometallica, part III: Metal-catalyzed cross-coupling reactions	24.1-24.3
	T 3/15	Assignment 5 Due	
	W 3/16	Properties and synthesis of aldehydes & ketones	18.1-18.3, 18.5
	F 3/18	Reactions of aldehydes & ketones (featuring the Wittig reaction)	18.6-18.9, 18.12
10	M 3/21	Imines, enamines, and acetals	18.10-18.14
	W 3/23	<i>National ACS Meeting - no class</i>	
	F 3/25	Properties and synthesis of carboxylic acid derivatives	20.1-20.4, 20.9 <i>plus 19.1-19.3 re: nitriles only</i>
		Assignment 6 Due (CONNECT only)	
11	M 3/28	<b>Exam 3: Chapters 17.9-18, 24</b>	
	W 3/30	Substitution reactions of carboxylic acid derivatives	20.6-20.8, 20.10, 20.12, 19.12
	F 4/1	Polymers	20.15, Chapter 28
12	M 4/4	Enols and enolates: Acidity of the hydrogen	21.1-21.5
	T 4/5	Assignment 7 Due (CONNECT only)	
	W 4/6	Reactions at the carbon	21.4, 21.6-21.8
	F 4/8	The aldol reaction	22.1-22.4

13	M 4/11	The Claisen reaction	22.5-22.7
	W 4/13	Conjugate addition reactions: the Michael reaction and Robinson annulation	22.8, 22.9, Review 17.15
R 5/27-M 5/31		<i>Easter recess - no class</i>	
14	W 6/2	Review: Reactions of carbonyl compounds	Chapters 17-22
	R 6/3	Assignment 8 Due	
	F 6/4	<b>Exam 4: Chapters 20-22</b>	
15	M 4/25	Properties of amines	23.1-23.3, 23.7, 23.9, 23.10
	W 4/27	Introduction to carbohydrates & Fischer projections	26.1-26.3, 26.6
	R 4/28	Assignment 9 Due (CONNECT only)	
	F 4/29	Final Exam Info	Handout: ACS Tips
Finals week	M 5/2	Comprehensive Final Exam	4:30-7pm, Location TBA

## ASSESSMENT AND GRADING

**Introduction Problems** - A few short Introduction Problems will be assigned daily and will often be used to begin class discussion. The questions will be *based on that day's reading assignment* (which you can find in that week's Overview) and will cover new material. You should complete these problems before coming to class. Answers to Intro Problems will be graded for *participation* and *effort*.

**EdPuzzle Videos** - Short lecture videos may be provided to introduce the day's topic, in addition to the day's Intro Problems. Like the Intro Problems, these should be completed before coming to class.

**In-Class Exercises** - In-class Exercises will frequently be distributed (as paper copies in class, and as PDFs on Canvas) to help solidify concepts in that day's lecture. After class, you should upload a copy of your In-Class Exercise to Canvas to verify participation and effort.

**Assignments** - Problems requiring greater thought and reflection will be completed outside of class and will be due periodically throughout the course. Given the large class size and recognizing the need for rapid feedback, a portion of each assignment will be *electronic* and provided by Connect. If you bought a new book from the book store you already received access to Connect in your bundle; alternatively, access to Connect with the eBook can be purchased online for approximately \$133. The Connect format allows you to check your answer in real time. Note that the interface will only accept homework submissions up to the set due time and date.

Most assignments will also include a handwritten portion to give you a chance to practice skills (such as drawing organic mechanisms, or multistep synthesis) that don't lend themselves well to online chemistry homework systems. These problems will be submitted on Canvas and graded by a TA.

**Exams** - There will be one quiz (20 minutes, in class), four midterm exams (one hour each, in class) and one final (two hours). Despite focusing on recently-covered material, midterm exams are technically *cumulative* and may assume knowledge from CHE2094 or earlier in CHE2096.

The final exam is a *comprehensive* standardized multiple choice exam published by the American Chemical Society. You may find the ACS study guide (listed under [Course Materials](#)) helpful as you prepare for the final. See the course schedule for exam dates.

Makeup examinations will be given only for excused absences. In such cases, appropriate documentation must be provided within two working days of the end of the excused absence.

**Organic Learning Community (OLC)** - Learning a challenging subject like organic chemistry is easier with the help of a regular study group. For each week that you meet with your study group for at least 1 hour, answer a couple questions about your session, and provide documentation of the meeting (e.g. a screenshot or photo), you can receive 1 *extra credit* point toward your Participation grade. (That's in addition to the benefit you'll get from that hour of focused study time!) You can connect with others looking for a study group [here](#).

The activities described above will contribute to your total course grade according to the following distribution:

Grade distribution

Intro Problems & EdPuzzle videos	10%
In-class participation	10%
Homework Assignments	15%
Quiz & Midterm Exams	45%
Final Exam	20%

Student grades will be posted in the Canvas grade book as they are graded (and no later than one week after each deadline). Final grades will be posted to Workday (NOT to Canvas) within one week of the end of the class. Grades will be based on the following:

#### Standard Grade Scale Based on Percentages

A	B	C	D	F
A 93-100	B+ 87-89	C+ 77-79	D+ 67-69	F Less than 59
A- 90-92	B 83-86	C 73-76	D 63-66	

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A	B	C	D	F
	B- 80-82	C- 70-72	D- 60-62	

## STRATEGIES FOR SUCCESS IN CHE2096

1. Focus on recognizing *patterns* and understanding *general concepts* that are applicable to a variety of situations rather than merely memorizing information.
2. Work practice problems (lots of them)! Extra practice problems from Smith will be posted in CONNECT. And *hide the answer key*. Often the most challenging part of a problem is figuring out what is being asked of you; don't skip practicing this skill!
3. Come prepared to class. This means *reading the assigned sections*, *completing the intro problems*, and *watching any posted videos*. The time you invest before class will be repaid in full when it comes time to study for the exams!
4. Get help if you don't understand something! The instructor is here for you.

If you don't believe me, check out the advice provided by students in past iterations of Prof. Maloney's OChem II class [here](#).

## COURSE CREDIT HOUR INFORMATION

In the interest of providing sufficient time to accomplish the stated Course Learning Outcomes, this class meets the PLNU credit hour policy for a 3 unit class delivered over 14 weeks. Specific details about how the class meets the credit hour requirement can be provided upon request. (Based on 37.5 hours of student engagement per credit hour.)

## STATE AUTHORIZATION

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course, continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on [State Authorization](#) (<https://www.pointloma.edu/offices/office-institutional-effectiveness-research/disclosures>) to view which states allow online (distance education) outside of California.

## INCOMPLETES AND LATE ASSIGNMENTS

Unless otherwise stated, all Intro Problems and EdPuzzle videos are due before the start of class. All other assignments (including uploads of In-Class Exercises) are due by 11:59pm. Incompletes will only be assigned in extremely unusual circumstances.

## PLNU COPYRIGHT POLICY



Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

### **PLNU ACADEMIC HONESTY POLICY**

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See [Academic Policies](http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278) (<http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278>) for definitions of kinds of academic dishonesty and for further policy information.

### **PLNU ACADEMIC ACCOMMODATIONS POLICY**

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities. Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (EAC@pointloma.edu or 619-849-2486). Once a student's eligibility for an accommodation has been determined, the EAC will issue an academic accommodation plan ("AP") to all faculty who teach courses in which the student is enrolled each semester.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course and/or if they do not wish to utilize some or all of the elements of their AP in that course.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC.

### **PLNU ATTENDANCE AND PARTICIPATION POLICY**

Regular and punctual attendance at all synchronous class sessions is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions, the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for their work and participation. In some courses, a portion of the credit hour content will be delivered asynchronously and attendance will be determined by submitting the assignments by the posted due dates. See [Academic Policies](http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278) (<http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278>) in the Undergraduate Academic Catalog. If absences exceed these limits but are due to university excused health issues, an exception will be granted.

## SPIRITUAL CARE

Please be aware PLNU strives to be a place where you grow as whole persons. To this end, we provide resources for our students to encounter God and grow in their Christian faith.

If students have questions, a desire to meet with the chaplain or have prayer requests you can contact the [Office of Spiritual Development](https://www.pointloma.edu/offices/spiritual-development) (<https://www.pointloma.edu/offices/spiritual-development>).

## USE OF TECHNOLOGY






In order to be successful in the online environment, you'll need to meet the minimum technology and system requirements; please refer to the [Technology and System Requirements](https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349) (<https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349>) information.











Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.

## ASSIGNMENTS AT-A-GLANCE

The table below lists our assignments and their due dates. Click on any assignment to review it.

## Course Summary:



Date	Details	Due
	 <a href="#">_Section 1_ Zoom meeting (CHE2096-1, 8:30am)</a> ( <a href="https://canvas.pointloma.edu/calendar?event_id=116597&amp;include_contexts=course_60058">https://canvas.pointloma.edu/calendar?event_id=116597&amp;include_contexts=course_60058</a> )	8:30am to 9:30am
	 <a href="#">Intro Problems 1: Getting to know you</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745794">https://canvas.pointloma.edu/courses/60058/assignments/745794</a> ) (Section 1-CHE2096)	due by 8:30am
Tue Jan 11, 2022	 <a href="#">_Section 2_ Zoom meeting (CHE2096-2, 11am)</a> ( <a href="https://canvas.pointloma.edu/calendar?event_id=116601&amp;include_contexts=course_60058">https://canvas.pointloma.edu/calendar?event_id=116601&amp;include_contexts=course_60058</a> )	11am to 12pm
	 <a href="#">Intro Problems 1: Getting to know you</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745794">https://canvas.pointloma.edu/courses/60058/assignments/745794</a> ) (Section 2-CHE2096)	due by 11am
	 <a href="#">Week 1   Tuesday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745853">https://canvas.pointloma.edu/courses/60058/assignments/745853</a> )	due by 11:59pm



Date	Details	Due
Wed Jan 12, 2022	 <a href="#">Section 1 Zoom meeting (CHE2096-1, 8:30am)</a> <a href="https://canvas.pointloma.edu/calendar?event_id=116598&amp;include_contexts=course_60058">https://canvas.pointloma.edu/calendar?event_id=116598&amp;include_contexts=course_60058</a>	8:30am to 9:30am
	 <a href="#">Intro Problems 2</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745825">https://canvas.pointloma.edu/courses/60058/assignments/745825</a> (Section 1-CHE2096)	due by 8:30am
	 <a href="#">Week 1   Video 1: NMR review</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745854">https://canvas.pointloma.edu/courses/60058/assignments/745854</a> (Section 1-CHE2096)	due by 8:30am
	 <a href="#">Section 2 Zoom meeting (CHE2096-2, 11am)</a> <a href="https://canvas.pointloma.edu/calendar?event_id=116602&amp;include_contexts=course_60058">https://canvas.pointloma.edu/calendar?event_id=116602&amp;include_contexts=course_60058</a>	11am to 12pm
	 <a href="#">Intro Problems 2</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745825">https://canvas.pointloma.edu/courses/60058/assignments/745825</a> (Section 2-CHE2096)	due by 11am
	 <a href="#">Week 1   Video 1: NMR review</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745854">https://canvas.pointloma.edu/courses/60058/assignments/745854</a> (Section 2-CHE2096)	due by 11am
Fri Jan 14, 2022	 <a href="#">Week 1   Wednesday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745856">https://canvas.pointloma.edu/courses/60058/assignments/745856</a>	due by 11:59pm
	 <a href="#">Section 1 Zoom meeting (CHE2096-1, 8:30am)</a> <a href="https://canvas.pointloma.edu/calendar?event_id=116599&amp;include_contexts=course_60058">https://canvas.pointloma.edu/calendar?event_id=116599&amp;include_contexts=course_60058</a>	8:30am to 9:30am
	 <a href="#">Intro Problems 3</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/746513">https://canvas.pointloma.edu/courses/60058/assignments/746513</a>	due by 8:30am
 <a href="#">Week 1   Video 2: Intro to Reduction</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745855">https://canvas.pointloma.edu/courses/60058/assignments/745855</a> (Section 1-CHE2096)	due by 8:30am	

Date	Details	Due
	 <a href="#">Section 2 Zoom meeting (CHE2096-2, 11am)</a> <a href="https://canvas.pointloma.edu/calendar?event_id=116603&amp;include_contexts=course_60058">https://canvas.pointloma.edu/calendar?event_id=116603&amp;include_contexts=course_60058</a>	11am to 12pm
	 <a href="#">Week 1   Video 2: Intro to Reduction</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745855">https://canvas.pointloma.edu/courses/60058/assignments/745855</a> (Section 2-CHE2096)	due by 11am
	 <a href="#">Week 1   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745852">https://canvas.pointloma.edu/courses/60058/assignments/745852</a>	due by 11:59pm
Sun Jan 16, 2022	 <a href="#">Week 1 - Extra credit Organic Learning Community (OLC) meeting</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/753735">https://canvas.pointloma.edu/courses/60058/assignments/753735</a>	due by 11:59pm
	 <a href="#">Intro Problems 4</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/748837">https://canvas.pointloma.edu/courses/60058/assignments/748837</a>	due by 8:30am
Wed Jan 19, 2022	 <a href="#">Week 2   Video 1: Intro to Oxidation</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745883">https://canvas.pointloma.edu/courses/60058/assignments/745883</a> (Section 1-CHE2096)	due by 8:30am
	 <a href="#">Week 2   Video 1: Intro to Oxidation</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745883">https://canvas.pointloma.edu/courses/60058/assignments/745883</a> (Section 2-CHE2096)	due by 11am
	 <a href="#">Week 2   Wednesday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745882">https://canvas.pointloma.edu/courses/60058/assignments/745882</a>	due by 11:59pm
Thu Jan 20, 2022	 <a href="#">Assignment 1 (Connect only)</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/748804">https://canvas.pointloma.edu/courses/60058/assignments/748804</a>	due by 11:59pm
Fri Jan 21, 2022	 <a href="#">Intro Problems 5</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745846">https://canvas.pointloma.edu/courses/60058/assignments/745846</a> (Section 1-CHE2096)	due by 8:30am
	 <a href="#">Intro Problems 5</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745845">https://canvas.pointloma.edu/courses/60058/assignments/745845</a> (Section 2-CHE2096)	due by 11am













Date	Details	Due
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745885">Week 2   Friday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745885">https://canvas.pointloma.edu/courses/60058/assignments/745885</a> )	due by 11:59pm
Sun Jan 23, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/753736">Week 2 - Extra credit Organic Learning Community (OLC) meeting</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/753736">https://canvas.pointloma.edu/courses/60058/assignments/753736</a> )	due by 11:59pm
Mon Jan 24, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745881">Week 3   Monday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745881">https://canvas.pointloma.edu/courses/60058/assignments/745881</a> )	due by 11:59pm
Wed Jan 26, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745887">Week 3   Wednesday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745887">https://canvas.pointloma.edu/courses/60058/assignments/745887</a> )	due by 11:59pm
Thu Jan 27, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745850">Post-quiz reflection</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745850">https://canvas.pointloma.edu/courses/60058/assignments/745850</a> )	due by 11:59pm
Fri Jan 28, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745890">Week 3   Friday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745890">https://canvas.pointloma.edu/courses/60058/assignments/745890</a> )	due by 11:59pm
Sun Jan 30, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/753737">Week 3 - Extra credit Organic Learning Community (OLC) meeting</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/753737">https://canvas.pointloma.edu/courses/60058/assignments/753737</a> )	due by 11:59pm
Mon Jan 31, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745886">Week 4   Monday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745886">https://canvas.pointloma.edu/courses/60058/assignments/745886</a> )	due by 11:59pm
Tue Feb 1, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745797">Assignment 2b (written)</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745797">https://canvas.pointloma.edu/courses/60058/assignments/745797</a> )	due by 11:59pm
Wed Feb 2, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745893">Week 4   Wednesday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745893">https://canvas.pointloma.edu/courses/60058/assignments/745893</a> )	due by 11:59pm
Fri Feb 4, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745896">Week 4   Friday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745896">https://canvas.pointloma.edu/courses/60058/assignments/745896</a> )	due by 11:59pm
Sun Feb 6, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745891">Week 4 - Extra credit Organic Learning Community (OLC) meeting</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745891">https://canvas.pointloma.edu/courses/60058/assignments/745891</a> )	due by 11:59pm

Date	Details	Due
Mon Feb 7, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745892">Week 4   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745892">https://canvas.pointloma.edu/courses/60058/assignments/745892</a>	due by 11:59pm
Fri Feb 11, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745898">Week 5   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745898">https://canvas.pointloma.edu/courses/60058/assignments/745898</a>	due by 11:59pm
Sun Feb 20, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745897">Week 5 - Extra credit Organic Learning Community (OLC) meeting</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745897">https://canvas.pointloma.edu/courses/60058/assignments/745897</a>	due by 11:59pm
Mon Feb 21, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745902">Week 6   Monday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745902">https://canvas.pointloma.edu/courses/60058/assignments/745902</a>	due by 11:59pm
Tue Feb 22, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745799">Assignment 3b (written)</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745799">https://canvas.pointloma.edu/courses/60058/assignments/745799</a>	due by 11:59pm
Wed Feb 23, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745906">Week 6   Wednesday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745906">https://canvas.pointloma.edu/courses/60058/assignments/745906</a>	due by 11:59pm
Fri Feb 25, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745901">Week 6   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745901">https://canvas.pointloma.edu/courses/60058/assignments/745901</a>	due by 11:59pm
Sun Feb 27, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745900">Week 6 - Extra credit Organic Learning Community (OLC) meeting</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745900">https://canvas.pointloma.edu/courses/60058/assignments/745900</a>	due by 11:59pm
Mon Feb 28, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745909">Week 7   Monday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745909">https://canvas.pointloma.edu/courses/60058/assignments/745909</a>	due by 11:59pm
Wed Mar 2, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745912">Week 7   Wednesday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745912">https://canvas.pointloma.edu/courses/60058/assignments/745912</a>	due by 11:59pm
Fri Mar 4, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745801">Assignment 4b (written)</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745801">https://canvas.pointloma.edu/courses/60058/assignments/745801</a>	due by 11:59pm
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745908">Week 7   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745908">https://canvas.pointloma.edu/courses/60058/assignments/745908</a>	due by 11:59pm

Date	Details	Due
Sun Mar 6, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745907">Week 7 - Extra credit Organic Learning Community (OLC) meeting</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745907">https://canvas.pointloma.edu/courses/60058/assignments/745907</a> )	due by 11:59pm
Wed Mar 9, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745917">Week 8   Wednesday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745917">https://canvas.pointloma.edu/courses/60058/assignments/745917</a> )	due by 11:59pm
Fri Mar 11, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745914">Week 8   Friday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745914">https://canvas.pointloma.edu/courses/60058/assignments/745914</a> )	due by 11:59pm
Sun Mar 13, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745913">Week 8 - Extra credit Organic Learning Community (OLC) meeting</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745913">https://canvas.pointloma.edu/courses/60058/assignments/745913</a> )	due by 11:59pm
Mon Mar 14, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745920">Week 9   Monday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745920">https://canvas.pointloma.edu/courses/60058/assignments/745920</a> )	due by 11:59pm
Tue Mar 15, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745803">Assignment 5b (written)</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745803">https://canvas.pointloma.edu/courses/60058/assignments/745803</a> )	due by 11:59pm
Wed Mar 16, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745923">Week 9   Wednesday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745923">https://canvas.pointloma.edu/courses/60058/assignments/745923</a> )	due by 11:59pm
Fri Mar 18, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745919">Week 9   Friday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745919">https://canvas.pointloma.edu/courses/60058/assignments/745919</a> )	due by 11:59pm
Sun Mar 20, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745918">Week 9 - Extra credit Organic Learning Community (OLC) meeting</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745918">https://canvas.pointloma.edu/courses/60058/assignments/745918</a> )	due by 11:59pm
Mon Mar 21, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745859">Week 10   Monday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745859">https://canvas.pointloma.edu/courses/60058/assignments/745859</a> )	due by 11:59pm
Fri Mar 25, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745858">Week 10   Friday class</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745858">https://canvas.pointloma.edu/courses/60058/assignments/745858</a> )	due by 11:59pm

Date	Details	Due
Sun Mar 27, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745857">Week 10 - Extra credit Organic Learning Community (OLC) meeting</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745857">https://canvas.pointloma.edu/courses/60058/assignments/745857</a>	due by 11:59pm
Wed Mar 30, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745864">Week 11   Wednesday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745864">https://canvas.pointloma.edu/courses/60058/assignments/745864</a>	due by 11:59pm
Fri Apr 1, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745862">Week 11   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745862">https://canvas.pointloma.edu/courses/60058/assignments/745862</a>	due by 11:59pm
Sun Apr 3, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745861">Week 11 - Extra credit Organic Learning Community (OLC) meeting</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745861">https://canvas.pointloma.edu/courses/60058/assignments/745861</a>	due by 11:59pm
Mon Apr 4, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745867">Week 12   Monday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745867">https://canvas.pointloma.edu/courses/60058/assignments/745867</a>	due by 11:59pm
Wed Apr 6, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745870">Week 12   Wednesday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745870">https://canvas.pointloma.edu/courses/60058/assignments/745870</a>	due by 11:59pm
Fri Apr 8, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745866">Week 12   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745866">https://canvas.pointloma.edu/courses/60058/assignments/745866</a>	due by 11:59pm
Sun Apr 10, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745865">Week 12 - Extra credit Organic Learning Community (OLC) meeting</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745865">https://canvas.pointloma.edu/courses/60058/assignments/745865</a>	due by 11:59pm
Mon Apr 11, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745873">Week 13   Monday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745873">https://canvas.pointloma.edu/courses/60058/assignments/745873</a>	due by 11:59pm
Wed Apr 20, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745875">Week 13   Wednesday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745875">https://canvas.pointloma.edu/courses/60058/assignments/745875</a>	due by 11:59pm
Fri Apr 22, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745807">Assignment 8b (written)</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745807">https://canvas.pointloma.edu/courses/60058/assignments/745807</a>	due by 11:59pm
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745872">Week 13   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745872">https://canvas.pointloma.edu/courses/60058/assignments/745872</a>	due by 11:59pm



Date	Details	Due
Sun Apr 24, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745871">Week 13 - Extra credit Organic Learning Community (OLC) meeting</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745871">https://canvas.pointloma.edu/courses/60058/assignments/745871</a>	due by 11:59pm
Mon Apr 25, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745878">Week 14   Monday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745878">https://canvas.pointloma.edu/courses/60058/assignments/745878</a>	due by 11:59pm
Thu Apr 28, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745814">IDEA evaluation for CHE2096</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745814">https://canvas.pointloma.edu/courses/60058/assignments/745814</a>	due by 11:59pm
Fri Apr 29, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745876">Week 14 - Extra credit Organic Learning Community (OLC) meeting</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745876">https://canvas.pointloma.edu/courses/60058/assignments/745876</a>	due by 11:59pm
Mon May 2, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745877">Week 14   Friday class</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745877">https://canvas.pointloma.edu/courses/60058/assignments/745877</a>	due by 11:59pm
Mon May 2, 2022	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745813">Final Exam</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745813">https://canvas.pointloma.edu/courses/60058/assignments/745813</a>	due by 4:30pm
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745809">Exam 1: Chapters 12, 15, 16 (6th ed. 12-14)</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745809">https://canvas.pointloma.edu/courses/60058/assignments/745809</a>	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745810">Exam 2: Chapters 17-20.8 (5th ed)</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745810">https://canvas.pointloma.edu/courses/60058/assignments/745810</a>	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745811">Exam 3: Chapters 20.9-21, 26</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745811">https://canvas.pointloma.edu/courses/60058/assignments/745811</a>	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745812">Exam 4: Chapters 22-24</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745812">https://canvas.pointloma.edu/courses/60058/assignments/745812</a>	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745817">Intro Problems 12</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745817">https://canvas.pointloma.edu/courses/60058/assignments/745817</a>	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745819">Intro Problems 14</a> <a href="https://canvas.pointloma.edu/courses/60058/assignments/745819">https://canvas.pointloma.edu/courses/60058/assignments/745819</a>	

Date

Details

Due

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 [Intro Problems 15](https://canvas.pointloma.edu/courses/60058/assignments/745820)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745820>)

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 [Intro Problems 17](https://canvas.pointloma.edu/courses/60058/assignments/745822)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745822>)

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 [Intro Problems 18](https://canvas.pointloma.edu/courses/60058/assignments/745823)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745823>)

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 [Intro Problems 19](https://canvas.pointloma.edu/courses/60058/assignments/745824)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745824>)

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 [Intro Problems 20](https://canvas.pointloma.edu/courses/60058/assignments/745826)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745826>)

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 [Intro Problems 21](https://canvas.pointloma.edu/courses/60058/assignments/745827)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745827>)

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 [Intro Problems 22](https://canvas.pointloma.edu/courses/60058/assignments/745828)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745828>)

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 [Intro Problems 23](https://canvas.pointloma.edu/courses/60058/assignments/745829)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745829>)

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 [Intro Problems 24](https://canvas.pointloma.edu/courses/60058/assignments/745830)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745830>)

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 [Intro Problems 25](https://canvas.pointloma.edu/courses/60058/assignments/745831)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745831>)

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 [Intro Problems 27](https://canvas.pointloma.edu/courses/60058/assignments/745833)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745833>)














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 [Intro Problems 28](https://canvas.pointloma.edu/courses/60058/assignments/745834)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745834>)










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 [Intro Problems 30](https://canvas.pointloma.edu/courses/60058/assignments/745837)  
(<https://canvas.pointloma.edu/courses/60058/assignments/745837>)

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Date	Details	Due
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745838">Intro Problems 31</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745838">https://canvas.pointloma.edu/courses/60058/assignments/745838</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745839">Intro Problems 32</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745839">https://canvas.pointloma.edu/courses/60058/assignments/745839</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745840">Intro Problems 33</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745840">https://canvas.pointloma.edu/courses/60058/assignments/745840</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745841">Intro Problems 34</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745841">https://canvas.pointloma.edu/courses/60058/assignments/745841</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745842">Intro Problems 35</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745842">https://canvas.pointloma.edu/courses/60058/assignments/745842</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745843">Intro Problems 36</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745843">https://canvas.pointloma.edu/courses/60058/assignments/745843</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745846">Intro Problems 6</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745846">https://canvas.pointloma.edu/courses/60058/assignments/745846</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745847">Intro Problems 7</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745847">https://canvas.pointloma.edu/courses/60058/assignments/745847</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745849">Intro Problems 9</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745849">https://canvas.pointloma.edu/courses/60058/assignments/745849</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745851">Quiz: Oxidation &amp; Reduction</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745851">https://canvas.pointloma.edu/courses/60058/assignments/745851</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745860">Week 10   Video 1: Acetals, hemiacetals, imines &amp; enamines</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745860">https://canvas.pointloma.edu/courses/60058/assignments/745860</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745863">Week 11   Video 1: Reactions of carboxylic acid derivatives</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745863">https://canvas.pointloma.edu/courses/60058/assignments/745863</a> )	
	 <a href="https://canvas.pointloma.edu/courses/60058/assignments/745868">Week 12   Video 1: Enolate ions &amp; keto-enol tautomerization</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745868">https://canvas.pointloma.edu/courses/60058/assignments/745868</a> )	

Date	Details	Due
	 <a href="#">Week 12   Video 2: Kinetic &amp; thermodynamic enolates</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745869">https://canvas.pointloma.edu/courses/60058/assignments/745869</a> )	
	 <a href="#">Week 13   Video 1: The Claisen Reaction</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745874">https://canvas.pointloma.edu/courses/60058/assignments/745874</a> )	
	 <a href="#">Week 14   Video 1: Carbohydrates and Fischer projections</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745879">https://canvas.pointloma.edu/courses/60058/assignments/745879</a> )	
	 <a href="#">Week 14   Video 2: Finishing up carbohydrates handout</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745880">https://canvas.pointloma.edu/courses/60058/assignments/745880</a> )	
	 <a href="#">Week 2   Video 2: Reaction types in organic chemistry</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745884">https://canvas.pointloma.edu/courses/60058/assignments/745884</a> )	
	 <a href="#">Week 3   Video 1: Allylic bromination &amp; alkene addition</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745888">https://canvas.pointloma.edu/courses/60058/assignments/745888</a> )	
	 <a href="#">Week 3   Video 2: Tips for drawing resonance structures</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745889">https://canvas.pointloma.edu/courses/60058/assignments/745889</a> )	
	 <a href="#">Week 4   Video 1: Tips for drawing the Diels-Alder product</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745894">https://canvas.pointloma.edu/courses/60058/assignments/745894</a> )	
	 <a href="#">Week 4   Video 2: Rules for counting pi electrons</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745895">https://canvas.pointloma.edu/courses/60058/assignments/745895</a> )	
	 <a href="#">Week 5   Video 1: Electrophilic Aromatic Substitution (EArS)</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745899">https://canvas.pointloma.edu/courses/60058/assignments/745899</a> )	

Date	Details	Due
	 <a href="#">Week 6   Video 1: Friedel-Crafts Alkylation</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745903">https://canvas.pointloma.edu/courses/60058/assignments/745903</a> )	
	 <a href="#">Week 6   Video 2: Rate of EArS Reactions</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745904">https://canvas.pointloma.edu/courses/60058/assignments/745904</a> )	
	 <a href="#">Week 6   Video 3: Benzylic Reactivity</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745905">https://canvas.pointloma.edu/courses/60058/assignments/745905</a> )	
	 <a href="#">Week 7   Video 1: Carboxylic acid and pKa</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745910">https://canvas.pointloma.edu/courses/60058/assignments/745910</a> )	
	 <a href="#">Week 7   Video 2: Reactions of carbonyl compounds</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745911">https://canvas.pointloma.edu/courses/60058/assignments/745911</a> )	
	 <a href="#">Week 8   Video 1: Organometallic reagents</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745915">https://canvas.pointloma.edu/courses/60058/assignments/745915</a> )	
	 <a href="#">Week 8   Video 2: Organocuprates</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745916">https://canvas.pointloma.edu/courses/60058/assignments/745916</a> )	
	 <a href="#">Week 9   Video 1: Reactions of aldehydes &amp; ketones</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745921">https://canvas.pointloma.edu/courses/60058/assignments/745921</a> )	
	 <a href="#">Week 9   Video 2: Making alkenes</a> ( <a href="https://canvas.pointloma.edu/courses/60058/assignments/745922">https://canvas.pointloma.edu/courses/60058/assignments/745922</a> )	