

Course Syllabus

Course Number: Chem 2423

Trimester Credit Hours: 4

Course Title: Organic Chemistry I

Total Contact Hours Per Trimester: 90

Course Director: Carissa Manrique

Office Hours: M 9-10:50pm; T-R 1-1:50pm

COURSE DESCRIPTION:

Our mission is to provide students with core knowledge in basic sciences so they can become successful as Parker students, on board exams, in treating patients, and eventually becoming chiropractors and leaders in the field of wellness.

The topics covered that will be covered in Organic I are organic molecules, structures, properties, stereo-chemistry, reactions, alkenes, alkanes, alkynes, SN1, SN2, E1, E2 and alcohol properties.

GENERAL APPROACH TO TEACHING:

I learn more about the teaching process and tools and techniques for engaging students and improving classroom techniques, I hope to become a stronger teacher, and leave students with a better understanding of science. I employ several active learning techniques, in an attempt to keep students involved. To get students involved in the process of learning, I have found that giving varied assignments and multiple examples are effective techniques

ESTIMATE OF STUDENT WORKLOAD:

The estimated work load for this class is approximately 1hr studying/1hr lecture

LEARNING OUTCOMES:

At the completion of this course, the student should:

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Understand the foundation of lewis dot structures and identify acids and bases
2. Recognize the structures and properties of organic molecules
3. Identify features and properties of alkanes, alkenes and alkynes
4. Predict reactions of alkanes, alkenes, and alkynes
5. Predict molecular stereochemistry
6. Nucleophilic and Elimination reactions
7. Structures and synthesis of alcohols
8. Perform organic laboratory reaction

ASSESSMENT:

The student will be assessed through quizzes, discussion questions, lecture exams, papers and a project

PREREQUISITES:

Enrollment in Parker University, High School chemistry, College algebra, General

chemistry I and II
REQUIRED TEXTBOOKS:

“Organic Chemistry” 7th ed L.G. Wade

RECOMMENDED ADDITIONAL TEXTBOOKS:

SUPPLIES:

access to a computer that is compatible with blackboard/webct and can support the course resources

GRADING SYSTEM:

Evaluation is an integral part of the educational process and is used as an educational tool to help students identify problem areas, to recognize and reward achievement, and to identify students who are unable to meet the rigors of the curriculum. Final course grades and their interpretation are listed below:

Grade	Numerical Value	Grade Point Average	Interpretation of Academic Achievement
A	89.5-100	4.0	Excellent
B	79.5-89.49	3.0	Above Average
C	69.5-79.49	2.0	Satisfactory
D	69.49 or Below	0.0	Unacceptable

This grading scale is strictly adhered to. There are NO exceptions.

Exams: (4).....65% (100pts each)

Labs: (6).....10% (10 pts each)

Lab Worksheets (6).....5% (5 pts each)

Project:.....10% (55 pts)

Discussions: (7)5% (5 pts each)

Lecture Quiz: (7).....5% (5 pts each)

Total: 100% (615 points)

LABS:

Lab coat, Goggles, Gloves

90/90 RULE:

Not applicable

EXTRA CREDIT:

Not applicable

ATTENDANCE/COURSE PARTICIPATION

1. Lecture component of this online course will be accomplished by watching the vodcast of the lectures for that week, taking part in the discussion postings for

- every week, taking the lecture tests and doing the project. The lecture tests will be taken online at the date and specified in the course calendar.
2. Discussion postings- the student will be expected to create one original discussion posting answering the question posed by the instructor. This must be posted no later than midnight on Thursday in that week. The student is expected to make at least 2 substantive responses to discussion postings by other students. At least three of them must be made before midnight on Thursday in that week.

COMMUNICATION WITH THE INSTRUCTOR:

The instructor will respond to E-mails posted through the course page within 24 hours during the week and within 48 hours on the weekend.

A complete listing of all Academic policies is found on the MyParker Website/Academic Home Page/Common Policies:

- Absences for Religious Holidays
- Academic Dishonesty
- Academic Promotion,
- Probation and Dismissal Policy
- Appeals Assistance and Accommodations
- Attendance Policy
- Audio/Video Taping Cell Phones and Electronic Devices in Class
- Classroom Behavior
- Communications Computer Usage
- Examinations (Make up Exams/Lab Practical's)
- Altering Grades on Exams
- Exam Review
- Final Examinations
- Grading System
- Late Instructors to Lecture/Lab
- Missed Exam Policy
- Professional Decorum
- Special Needs Consideration
- Student Bereavement Policy
- Excused Absences

DISCLAIMER

The lecture outlines contained in the lecture booklet are NOT intended to represent the entire content of the course. A lecture outline is intended to be a guide to the lecture. The responsibility of the instructor is to follow the outline, expand the concepts and give explanation and illustrations to clarify content. The role of the student is to attend lecture and take notes over material presented by the lecturer that explains and illustrates the material listed in the outline. It is also the responsibility of the student to question the instructor if explanations and illustrations are not clearly presented or understood.

The instructors take no responsibility for the accuracy or completeness of old notes,

quiz questions or exam questions that students may purchase, acquire from off of the internet or be given by previous students.

IMPORTANT NOTE:

The provisions contained in this syllabus do not constitute a binding contract between the student and the Parker University. These provisions may be changed at any time and for any reason at the discretion of the Course Director. When it is necessary to make changes to this document, appropriate notice (at least one week, if at all possible) will be given to the student(s).