



**Shih Chien University**  
**STP Program (July 01-Aug 02)**  
**CHEM 237 Organic Chemistry**  
**Course Outline**

**Course Code: CHEM 237**

**Instructor: Rachel Zufferey**

**Home Institution: University of North Carolina at Charlotte**

**Office Hours: TBA**

**Email: [zufferer@stjohns.edu](mailto:zufferer@stjohns.edu)**

**Credits: 4**

**Class Hours:**

This course will have 144 class hours, including 50 lecture hours, professor 30 office hours, 20-hour TA discussion sessions, 10-hour review sessions, 34-hour extra classes.

**Prerequisites: N/A**

**Course Description:**

This course is an introduction to general organic chemistry and covers basics concepts; topics covered are stated below in the course schedule. This class is run on-line. It is the student's responsibility to keep up with the material, do and turn in the homework in a timely manner, and study for the quizzes and exams. There will be weekly homeworks and quizzes, 2 midterm exams, and one final comprehensive exam.

Professor will held weekly 2 hour long office hour at a time that will be communicated on the first day of class.

**Academic Inquiry:** Shih Chien University  
**Disclaimer:** Course schedule is subject to change.



### Required Course Materials:

Organic Chemistry 6th ed. by Loudon and Parise  
Molecular Model kit (optional) Any molecular model kit is acceptable such as the Duluth model kit

### Grading & Evaluation:

4 weekly quizzes (4% each)	16%
On-line homework; 4 assignments (4% each)	16%
Midterm exams: 2 midterms (19% each)	38%
Final exam comprehensive	30%

### Grading System (1 ~ 100):

Quality Points	Grade	Percentage %
4	A	80-100
3	B	70-79
2	C	60-69
1	D	50-59
0	E	0-49

### Course Schedule:

#### WEEK 1

CH 1: Chemical Bonding and Chemical Structure  
CH 2. Alkanes

#### WEEK 2

CH 3. Acids and Bases. The Curved-Arrow Notation  
CH 4. Introduction to Alkenes: Structure and Reactivity  
7-11-24: first midterm

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### **WEEK 3**

CH 5. Addition Reactions of Alkenes

CH 6. Principles of Stereochemistry

### **WEEK 4**

CH 7. Cyclic Compounds: Stereochemistry of Reactions

CH 8. Noncovalent Intermolecular Interactions

7-25-24: second midterm

### **WEEK 5**

CH 9. The Chemistry of Alkyl Halides

8-2-24: final exam

### **ACADEMIC ETHICS**

Original, independent work completed in good faith is assumed for all course components/assignments.

While you are welcome to discuss homework assignments with your classmates and instructors, please be sure that all submitted assignments are yours alone.

Plagiarism is not tolerated; you are welcome to use available resources but you need to use your own words.

Academic integrity is expected; cheating is not tolerated. If you are unsure, feel free to discuss in advance with the instructors.