

Organic Chemistry I CHEM 2370.002

Professor: Dr. Charles Browning

Email: charles.browning@unt.edu

Office: Chemistry Building 276

Office hours: Tuesday & Thursday 1:15 - 2:15 PM  
by appointment if needed

Recommended Textbook: Organic Chemistry Solomon et al.  
14th or 12th edition

ODA Notice: Please inform me if you have ODA recommendations. If you think you may need accommodations to be successful in this course, please contact the ODA:

Absence: Please inform me immediately if you plan to be absent from any classes this semester.

Attendance: Mandatory & Expected

	M	W	F
Aug	27	29	31
Sept	<del>1</del> Labor Day	5	7
	10	12	14
	17	19	21
	24	26	28
Oct	1	3	5
	8	10	12
	15	17	19
	22	24	26
	29	31	2
Nov	5	7	9
	12	14	
	19	<del>21</del> holidays	<del>23</del>
	26	28	30
Dec	3	5	7 optional class day: I will review
	10	12	14

Exam 1: VSEPR  
Orbital hybridization  
Covalent Bonds  
Infrared Spectroscopy  
Functional groups  
IUPAC Nomenclature  
Trivial Nomenclature  
Acid-Base reactions  
Curved Arrow notation

Exam 2: Alkanes & Cycloalkanes  
Conformational Isomerism  
Newman Projections  
Chirality  
Fischer Diagrams  
Stereoisomers  
Substitution Reactions  
Elimination Reactions

Exam 3: Alkenes & Alkynes  
Dehydration  
Dehydrohalogenation  
Hydrogenation  
Electrophilic Addition  
Hydration  
Markovnikov Rule  
Oxidation  
Ozonolysis  
Nuclear Magnetic Resonance  
Radical Reactions

REEF Participation	100
Exam 1	100
Exam 2	100
Exam 3	100

## Exams:

- Exams will be 20-25 questions. Be prepared for multiple choice or short answer type questions. Some questions may have different pt. values.
- There is no talking or asking questions during exams. **HOLD ALL QUESTIONS UNTIL EXAM HAS CONCLUDED.**
- No electronic devices (except calculator) can be used during exam.

## Final Exam (optional):

After Exam 3 on Dec 10, there will be a 50 minute comprehensive exam.

The score will be used to replace a lower scoring Exam 1-3. The final is optional.

## REEF Polling: (participation)

UNT has acquired a license allowing student participation using the iClicker REEF Polling app.

You may use your smartphone or tablet by downloading the app.

You may use a browser using: [app.reef-education.com](http://app.reef-education.com)

1. Create an account if you do not have one by entering your euid in the student ID field.
2. Select University of North Texas as your institution.

3. Search for the course:

FL18 CHEM2370.002

4. Join the session or course.

Wifi connections are strongly encouraged

Each class day will begin with a short series of questions. You will receive ONE POINT for any valid answer. You will earn TWO POINTS IN ADDITION for answering the question correctly. If you are caught entering an invalid response to the question, all points will be deducted for the day. (See academic integrity)

### Grading for REEF

At the end of the semester, the one of the highest scores and those higher will be curved up to 100 pts. All scores below that will be curved by the same amount.

### Academic Integrity:

REEF is meant to be a tool for IN CLASS USE.

Answering REEF Polling questions while not in attendance is a violation of proper student conduct and will be considered Cheating.

Excused Absence: See student handbook for definition.

No excuses will be accepted after Dec 10.

If you have documentation, you must submit it to

Dr. Browning no later than Dec 10, 2018.

Prologed Absences or sensitive circumstances should be handled through the Dean of Students office

They can advocate for you in all your classes rather than you dealing with each instructor individually.

The Typical grading scheme

100% - 90% A

89% - 80% B

79% - 70% C

69% - 60% D

<60% F

REEF Participation 100

Exam 1 100

Exam 2 100

Exam 3 100

Where can I go for help?

CRC M-R 8am-6pm Chem 231  
F 8am-3:30pm

SI LEADER: Mark Trotchie

Tues: 1-1:50pm

Wed: 9-9:50am

Thurs: 3-3:50pm

Locations to be announced.

Dr Browning's office hours

Chem 276 Tues & Thursday 1:15pm-2:15pm

TA: Austen Moss (austenmoss@my.unt.edu)

office hours: on request