A. COURSE INFORMATION
Course number/section: CHEM. 3412.001
Class meeting time: TR 12:30-1:45 pm
Class location: CI 126
Prerequisites: CHEM 3411
Course Website: Most announcements, forms, handouts, lecture notes, learning materials etc. are either posted, or will be posted on blackboard. You will be able to login using your student ID and Password.

B. INSTRUCTOR INFORMATION
Instructor: Feri Billiot
Office location: CS103D
Office hours: TR 8:30-9:30 am, 1:45-3:30 pm or by appointment
Telephone: 361-8256067
e-mail: fereshteh.billiot@tamucc.edu
Appointments: by request

C. COURSE DESCRIPTION
The structure, nomenclature, synthesis, reactions and reaction mechanisms of the principal classes of organic compounds. Stereochemistry and spectroscopy of organic compounds. Designed for the science major.

D. PREREQUISITIES FOR THE COURSE
CHEM 3411

E. REQUIRED TEXTBOOK(S) AND SUPPLIES
Textbook: Organic Chemistry by John McMurry; 8th ed.; Brooks Cole Publisher (reqd.)

F. STUDENT LEARNING OUTCOMES AND ASSESSMENT
Assessment is a process used by instructors to improve learning. The process begins by describing student learning outcomes (they focus on what you are expected to learn) like the ones described below for this course. By measuring how well you are accomplishing these student learning outcomes the instructor can take appropriate actions to enhance your learning.
It is expected that completion of CHEM 3412 will enable students learning the following specific topics of organic chemistry

- Molecular spectroscopy to identify organic compounds
- Organic functionality and aspects of stereochemistry
- Modern aspects of chemical bonding & molecular structure
- Prediction of products from organic reactions
- Understanding reaction mechanisms
- Understanding of organic syntheses
- Understanding important of thermodynamic in organic reactions

G. MAJOR COURSE REQUIREMENTS AND GRADING

There will be three regular exams and a final exam. The regular exams will cover the material that has been covered in class by that time and final is comprehensive.

Grade

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Exams</td>
<td>3 @ 100</td>
</tr>
<tr>
<td>Final Exam</td>
<td>1 @ 100</td>
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<tr>
<td>Total Grade</td>
<td>400</td>
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Course Grade-25% of the organic chemistry grade is from organic chemistry lab. At the end of the semester, after you completed all the lab assignments and exams, you will be assigned a lab grade by your lab instructor. All complaints and concerns about the lab grade should be directed to the lab instructor. You will receive more information about the organic chemistry lab in the lab syllabus.

<table>
<thead>
<tr>
<th></th>
<th>Lecture % X 0.75</th>
<th>Course Grade</th>
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<tbody>
<tr>
<td>Lecture Grade</td>
<td>75</td>
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<tr>
<td>Lab Grade</td>
<td>25</td>
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<td>Course Grade</td>
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<td>100</td>
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Final letter grading for the lecture course will be as follows: A; 90%, B; 80%, C; 70%, D; 60%, F < 60%.
H. COURSE CONTENT/SCHEDULE

The schedule below is a preliminary outline of the semester. It is your responsibility to keep up with changes to this schedule. The reading and problems assignments that will be assigned in class should be completed before the next class meeting. Failure to stay current on reading and problem assignments will greatly affect your ability to keep up during lecture and, therefore, will have an indirect affect on your grade in this course.

<table>
<thead>
<tr>
<th>Week of</th>
<th>Topic</th>
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<tbody>
<tr>
<td>August 24</td>
<td>Review of organic I</td>
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<td>August 31</td>
<td>Review of organic I</td>
</tr>
<tr>
<td>September 7</td>
<td>Chapter 12 and 13</td>
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<tr>
<td>September 14</td>
<td>Chapter 14 and 15</td>
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<tr>
<td>September 21</td>
<td>Review and Exam I</td>
</tr>
<tr>
<td>September 28</td>
<td>Chapter 16</td>
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<td>October 5</td>
<td>Chapter 17</td>
</tr>
<tr>
<td>October 12</td>
<td>Chapter 18</td>
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<tr>
<td>October 19</td>
<td>Review and Exam II</td>
</tr>
<tr>
<td>October 26</td>
<td>Chapter 19</td>
</tr>
<tr>
<td>November 2</td>
<td>Chapter 20 and 21</td>
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<tr>
<td>November 9</td>
<td>Chapter 22, 23</td>
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<tr>
<td>November 16</td>
<td>Review and Exam III</td>
</tr>
<tr>
<td>November 23</td>
<td>Review for final</td>
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<tr>
<td>November 30</td>
<td>Review for final</td>
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</tbody>
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Exam Schedule
Exam I September 24
Exam II October 22
Exam III November 19
Final Exam : December 8 at 8 am

I. COURSE POLICIES

No student is admitted to the exam after the first exam-taker has left.

Make-up Exams: There are no make-up exams for this class. Students with a university approved scheduled absence (athletics, military duty, etc.) MUST contact the instructor well in advance of the scheduled absence. Exams may be taken early in those specific cases. Students who do not arrange to take exams ahead of time will not be eligible for this special consideration. A written excuse from the university department involved or the Office of the Dean of Students is required.

Use of Electronic Devices during Exam: Any use of an electronic device (PDA, Cell Phone, MP3 player, CD player, computer …) during an exam is strictly prohibited. Any use of such a device will be considered an attempt to cheat on the exam and will result in a 0 on the exam although more severe actions may be considered. Calculators may be allowed on exams when
needed, but only for mathematical operations. The use of programmable calculators to store or retrieve information during an exam will be considered an attempt to cheat on the exam. Also, if a calculator is discovered to have saved programs or information that could be used as an unfair advantage on the exam, this will be considered an attempt to cheat on the exam.

**Course Tutoring:** You can find information regarding the Tutoring at: [http://casa.tamucc.edu](http://casa.tamucc.edu).

**Class Standards:** The student is expected to be on time and attend every class. If absent, it is the responsibility of the student to obtain missed information from a classmate. Missed information includes not only lecture notes, but also any possible information regarding syllabus changes. The student is expected to arrive on time prepared to take notes, i.e., with pen, paper, and colored markers/pencils.

*Before you enter the lecture hall turn OFF your cellular phone! Beepers must also be turned off or put on silent mode. Electronic interruptions absolutely will NOT be tolerated!*  

**Class Conduct:** All students are expected to follow proper classroom behavior and treat the other students and the instructor with respect. If a student’s actions or behavior is deemed disruptive to the class by the instructor, the students will be asked to leave the class for that day.

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**J. COLLEGE AND UNIVERSITY POLICIES**

**ACADEMIC ADVISING:** The College of Science and Technology requires that students meet with an Academic Advisor as soon as they are ready to declare a major. The Academic Advisor will set up a degree plan, which must be signed by the student, a faculty mentor, and the department chair. The College's Academic Advising Center is located in Center for Instruction.

**Academic Integrity/Plagiarism**

University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in (letter grade of F).

**Dropping a Class**

I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. Please consult with me before you decide to drop to be sure it is the best thing to do. Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. (November 7) is the last day to drop a class with an automatic grade of “W” this term.
Classroom/professional behavior

Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

Grade Appeals (College of Science and Engineering Version)

As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules website at http://www.tamucc.edu/provost/university_rules/index.html, and the College of Science and Engineering Grade Appeals webpage (http://sci.tamucc.edu/students/GradeAppeal.html). For assistance and/or guidance in the grade appeal process, students may contact the chair or director of the appropriate department or school, the Office of the College of Science and Engineering Dean, or the Office of the Provost.

Disabilities Accommodations

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.
Statement of Academic Continuity
In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue through the use of Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus. However, students need to make certain that the course instructor has a primary and a secondary means of contacting each student.

K. OTHER INFORMATION

In choosing to take this course, you are agreeing to abide by the course rules, regulations, and standards. This includes agreeing to be respectful to your instructor and fellow students. Conduct that is disruptive or disrespectful will not be tolerated and is grounds for dismissal from the class. Should you have concerns or questions, you are to discuss them with the instructor as soon as possible. However, you are bound by these rules, regulations, and standards from the first day of class through the duration of the course.