Instructor Name: J. Morris Bramlett

Instructor Office: Science Center, A-7

Instructor Phone: 870-460-1116 or 870-460-1016

Instructor Email Address: bramlett@uamont.edu

Office Hours: 8:10 – 9:00 MWF, 1:10 – 2:00 MWF; 1:30-2:30 TTH; any other time by appointment

Course Title and Credit Hours: CHEM 2203, Introduction to Organic and Biochemistry, 3 Credit Hours
A.C.T.S Equivalent Course # CHEM 1224 when combined with UAM CHEM 2211, Intro to Organic and Biochemistry Lab

Prerequisites: CHEM 1023 or CHEM 1103

Course Description: Chemical substances from which life is formed. Designed for those who desire a general overview of organic and biochemistry

Student Learning Outcomes: At the end of the course, the successful student will be able to explain, describe, discuss, recognize, and apply knowledge of the following: Major organic functional groups, Organic Nomenclature, Functional group reactions, Carbohydrates, Lipids, Proteins and Nucleic Acids, Enzymes, and Metabolism

Required textbooks, workbooks, supplementary materials:
For additional textbook information, you may go to the online bookstore: http://www.bkstr.com/uamontstore/shop/textbooks-and-course-materials

Technical Support Information:
Blackboard Assistance: Contact Office of Instructional Technology; phone 870-460-1663; open Monday-Friday, 8 a.m. – 4:30 p.m.
Online Help Desk: http://www.uamont.edu/pages/resources/academic-computing/

Email Assistance:
Contact the Office of Information Technology; phone 870-460-1036; open Monday-Friday, 8 a.m. – 4:30 p.m.

Library Services: The computer section in the Library is open during regular Library hours. Go to the Taylor Library website for hours of operation: http://www.uamont.edu/pages/library/

UAM Attendance Policy:
Students are expected to attend all required class sessions during the semester. The University does not allow for unexcused absences. Each faculty member will determine his or her individual policies regarding excused absences, except in the case of a University sponsored event. Students involved in University sponsored events
should be considered excused unless the proper notifications were not delivered to the instructor according to Policy XV on page 71 of the UAM Faculty Handbook.

Regardless of the reasons for a student missing, a faculty member may determine that the student cannot complete the course requirements or demonstrate the expected student learning outcomes within the timeframe of the course. The faculty member may recommend that the student withdraw, award the student a failing grade (at end of term) or, if warranted, assign the student an Incomplete.

**Course-specific Attendance Policy**
Chemistry is a difficult subject. Even a single absence can lead to poor understanding of material and lead to a lower course grade. Homework will be taken up for a grade on a daily basis. There will be several quizzes given during the semester. Homework and quizzes missed due to unexcused absences may not be turned in late or made up.

**Academic Alert:**
The Academic Alert System is a retention program that puts students in contact with the appropriate campus resources to assist them in meeting their educational goals at UAM. If you are doing poorly in your academic work, are chronically absent from class, are exhibiting disruptive behavior or are having difficulty adjusting to campus life, University faculty, staff or a fellow student may report you to the Office of Academic Affairs through the Academic Alert system.

**Academic Resources:**

**GENERAL EDUCATION TUTORIAL LAB**
Harris Hall, (870) 460-1454
Any student who desires to be successful in his/her general education classes can receive assistance through tutoring services available on the 2nd floor of Harris Hall. Please watch for emails from Laura Hughes detailing this semester’s tutoring availability.

**Students with Disabilities:**
It is the policy of the University of Arkansas at Monticello to accommodate individuals with disabilities. It is the policy of the University of Arkansas at Monticello to accommodate individuals with disabilities pursuant to federal law and the University’s commitment to equal educational opportunities. It is the responsibility of the student to inform the instructor of any necessary accommodations at the beginning of the course. Any student requiring accommodations should contact the Office of Special Student Services located in Harris Hall Room 120; phone 870 460-1026; TDD 870 460-1626; Fax 870 460-1926; email: whitingm@uamont.edu.

For assistance on a College of Technology campus contact:
McGehee: Office of Special Student Services representative; phone 870 222-5360; fax 870 222-1105.
Crossett: Office of Special Student Services representative; phone 870 364-6414; fax 870 364-5707.

**Feedback Schedule:**
Email is likely the best way to contact the instructor. Most often, a student can expect a response to email within 6 hours during business hours Monday through Friday. After hours emails may not be answered until the following morning. Emails after 5 p.m. on Friday may not be answered until the following Monday.

**Assessments:** There will be four regular exams (100 points each) and a comprehensive final exam (100 points). There will be 8-10 quizzes given during the term, with the best seven being counted as a percentage of a 100 points possible. All quizzes and exams will be taken in class and proctored. Homework will be taken up daily and scored as a percentage of 50 possible points.
**Explanation of Grading Policy:**

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points Possible</th>
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<tbody>
<tr>
<td>Test 1</td>
<td>100</td>
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<tr>
<td>Test 2</td>
<td>100</td>
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<tr>
<td>Test 3</td>
<td>100</td>
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<tr>
<td>Test 4</td>
<td>100</td>
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<tr>
<td>Final Exam</td>
<td>100</td>
</tr>
<tr>
<td>Homework</td>
<td>50</td>
</tr>
<tr>
<td>Quizzes</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>650 possible</strong></td>
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</tbody>
</table>

**Grading Scale:**

- **A** = 88—100% >569 points
- **B** = 77—87% 498 - 568 points
- **C** = 66—76% 426 - 497 points
- **D** = 55—65% 355 - 425 points
- **F** = below 55% below 355 points

**Student Conduct Statement:**

Students at the University of Arkansas at Monticello are expected to conduct themselves appropriately, keeping in mind that they are subject to the laws of the community and standards of society. The student must not conduct him/herself in a manner that disrupts the academic community or breaches the freedom of other students to progress academically.

**Academic Dishonesty:**

1. **Cheating:** Students shall not give, receive, offer, or solicit information on examinations, quizzes, etc. This includes but is not limited to the following classes of dishonesty:
   a. Copying from another student’s paper;
   b. Use during the examination of prepared materials, notes, or texts other than those specifically permitted by the instructor;
   c. Collaboration with another student during the examination;
   d. Buying, selling, stealing, soliciting, or transmitting an examination or any material purported to be the unreleased contents of coming examinations or the use of any such material;
   e. Substituting for another person during an examination or allowing such substitutions for oneself.
2. **Collusion:** Collusion is defined as obtaining from another party, without specific approval in advance by the instructor, assistance in the production of work offered for credit to the extent that the work reflects the ideas of the party consulted rather than those of the person whose name is on the work submitted.
3. **Duplicity:** Duplicity is defined as offering for credit identical or substantially unchanged work in two or more courses, without specific advanced approval of the instructors involved.
4. **Plagiarism:** Plagiarism is defined as adopting and reproducing as one’s own, to appropriate to one’s use, and to incorporate in one’s own work without acknowledgement the ideas or passages from the writings or works of others.

For any instance of academic dishonesty that is discovered by the instructor, whether the dishonesty is found to be cheating, collusion, duplicity, or plagiarism, the result for the student(s) involved will be a score of zero on exam or assignment for the first offense. A second offense will result in removal of the course with a grade of F.
Course Outline/Calendar:

<table>
<thead>
<tr>
<th>Chapter #</th>
<th>Topic</th>
</tr>
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<tbody>
<tr>
<td>10</td>
<td>Introduction to Organic Chemistry: The Saturated Hydrocarbon</td>
</tr>
<tr>
<td>11</td>
<td>Unsaturated Hydrocarbons; Alkenes, Alkynes, and Aromatics</td>
</tr>
<tr>
<td>12</td>
<td>Alcohols, Phenols, Thiols, and Ethers</td>
</tr>
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<td>13</td>
<td>Aldehydes and Ketones</td>
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<td>14</td>
<td>Carboxylic Acids and Carboxylic Acid Derivatives</td>
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<tr>
<td>15</td>
<td>Amines and Amides</td>
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<tr>
<td>16</td>
<td>Carbohydrates</td>
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<tr>
<td>17</td>
<td>Lipids and their Functions in Biochemical Systems</td>
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<td>18</td>
<td>Protein Structure and Function</td>
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<tr>
<td>19</td>
<td>Enzymes</td>
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<tr>
<td>20</td>
<td>Introduction to Molecular Genetics</td>
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<tr>
<td>21</td>
<td>Carbohydrate Metabolism</td>
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<tr>
<td>22</td>
<td>Aerobic Respiration and Energy Production</td>
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<tr>
<td>23</td>
<td>Fatty Acid Metabolism</td>
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</tbody>
</table>

Special Dates of Concern:

- **Aug 19** Wednesday First day of class
- **Aug 21** Friday Last day to change schedule
- **Sept 7** Monday Labor Day (no classes)
- **Oct 28** Wednesday Last day to withdraw from session class or withdraw for term with W
- **Nov 5** Monday Preregistration for Spring 2016 begins
- **Nov 25** Wednesday No classes
- **Nov 26-27** Thur-Fri Thanksgiving Holidays
- **Dec 4** Friday Last day of classes
- **Dec 7-11** Mon-Fri Final exam period

Final Exam: Tuesday, December 8, 1:30 – 3:30 p.m.