Course: This course is intended to emphasize fundamental principles and concepts of biology. Principles I specifically covers the molecular and cellular levels of biological organization and how molecular function underlies all other aspects of biology. Class discussion is encouraged. Attentiveness and courteous behavior during lectures is required.

Materials: Text – *Life: The Science of Biology*, 9\textsuperscript{th} ed. Sadava et. al.,

_This term you are required to use BioPortal_

Examinations: There will be four tests and a final exam. Exam 4 and the final will be given on the same day. The final exam is comprehensive. Tests will cover material from lecture and the text. Bring no electronic devices to exams. All exams must be attempted; a zero on a test or the final will result in a grade of “F” for the course.

Quizzes: Quizzes will occur at the end of specific blocks of material as indicated on your syllabus. Additional quizzes may occur without prior announcement. Always come to class prepared.

Assignments: Assignments will be made during the term. Most assignments will be conducted on line

_Bioportal access is required._

Make-up Work: In class participation and quizzes are intended to encourage attendance. If a student is absent for participation and quizzes make up work will only be offered for excused absences. See excused absences (below).

Make-up Exams: There will be no make-up exams. If you miss one exam due to an EXCUSED absence your score on the comprehensive portion of the final exam will be substituted for it. You may only make up ONE missed exam in this manner.

Attendance: _Satisfactory attendance is required._ Students with excessive unexcused absences (more than 3) may be dropped from the course. See Student Conduct (below).

Excused absences: Absences will be excused for the following reasons: presenting at/attending a scientific meeting, a university sanctioned extracurricular event, attendance at the funeral of a close family member (parent/sibling/grandparent/child). Any other excused absences will be at the discretion of the instructor. It is the responsibility of the student to obtain notes or other information covered in class during an absence.

_Laboratory attendance is required. Unexcused absence for the lab midterm, the lab final or more than two unexcused laboratory absences may result in a grade of “F” for the course._

Laboratory: The relative values of work done in the lab will be determined by the TA.

Grading:

<table>
<thead>
<tr>
<th>Grade Scale</th>
<th>Components of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A ≥ 90</td>
<td>4 Exams @ 10% each                    40%</td>
</tr>
<tr>
<td>B ≥ 80</td>
<td>Comprehensive final                     15%</td>
</tr>
<tr>
<td>C ≥ 70</td>
<td>Quizzes                                10%</td>
</tr>
<tr>
<td>D ≥ 60</td>
<td>Assignments                            10%</td>
</tr>
<tr>
<td>F &lt; 60</td>
<td>Laboratory                              25%</td>
</tr>
</tbody>
</table>

Student Conduct: _Students should refer to the current MSU handbook and activities calendar for university policy on academic dishonesty, class attendance, student rights and activities. Special attention should be given to pages 65-75. These conduct standards apply to both lecture and lab._

Students with disabilities: It is the responsibility of the student to contact the instructor to determine what accommodations might be made for any disability. It will be the responsibility of the student to find classmates with whom to share notes. Any requests must be made 2 weeks prior to the first exam.

Disclaimer: No medical advice will be given. No student will be accepted as a patient.