Course Title: Principles of Biology  
Catalog No. BIO101  
Instructor: Staff  
Semester: Fall 2016

REQUIRED BOOKS:

Textbook:

OR


Lab Manual:
Biology Staff, 2011. Laboratory Manual for Principles of Biology  

COURSE LEARNING OUTCOMES:

1. Explain and describe the chemical composition of organisms
2. Explain and integrate the concepts of matter and energy in biological systems
3. Describe the structure and function of prokaryotic and eukaryotic cells
4. Explain the transfer, expression and storage of genetic information
5. Explain evolutionary processes and describe their effects on living systems
6. Use critical thinking and scientific reasoning and process to investigate phenomena, collect and interpret data, and generate conclusions.

DETERMINATION OF FINAL GRADE:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Lecture Exams &amp; Assignments</td>
<td>45%</td>
</tr>
<tr>
<td>Laboratory</td>
<td>30%</td>
</tr>
<tr>
<td>Comprehensive Final Exam</td>
<td>25%</td>
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<tr>
<td>TOTAL</td>
<td>100%</td>
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FINAL EXAM

The Final Examination will be comprehensive and information from lecture and laboratory will be on it. Some of the questions will be common to all sections and some will be specific for your instructor. The Final Examination must be taken.
LECTURE: GRADING AND ATTENDANCE:

Individual instructors will provide details about their attendance policy, lecture schedule, and the number and type of exams they will be giving.

LABORATORY:

Various exercises will involve you in the process of studying science. You will record results in the laboratory manual, answer the questions at the end of each exercise, take notes on concepts and material covered and relate laboratory information to the lecture information. The laboratory instructors will announce their grading policies. The Laboratory Schedule will be given out in the laboratory.

COLLEGE ATTENDANCE POLICY:

All students are expected to attend every session of each course for which they are registered. Students are responsible for all that transpires in class whether or not they are in attendance. The College defines excessive absence or lateness as more than the equivalent of one week of class meetings during the regular 15-week semester. Excessive absence or lateness may lead to failure in a course or removal from the class roster.

ADDITIONAL COURSE INFORMATION

Additional course information will be provided by the section Instructor.