Integrated Science 1415 Online

Instructor: Dale Loughmiller
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Office hours: Online Tuesday, Thursday, and Sunday Nights – Otherwise by Appointment

Labs and projects will be done online so no manual need be purchased.

Course Description: The aim of this course is to give you a knowledge base in the physical sciences (physics and chemistry) that will enable you to critically examine public issues and make more informed choices and decisions. You will acquire a working vocabulary in these disciplines and develop a sense of relationships between the two.

Grading Policy:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>20%</td>
<td>A = 90+</td>
</tr>
<tr>
<td>Tests</td>
<td>30%</td>
<td>B = 80-89</td>
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<tr>
<td>Labs</td>
<td>25%</td>
<td>C = 70-79</td>
</tr>
<tr>
<td>Assignments</td>
<td>15%</td>
<td>D = 60-69</td>
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<tr>
<td>Participation</td>
<td>10%</td>
<td>F = 59 or less</td>
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</tbody>
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ADA Eligibility: ADA eligible students should make arrangements with the instructor in the first week of the semester for accommodations. Students requesting accommodations for disabilities must go through the Academic Support committee. For more information, please contact the Director of Disability Resources and Services, Halladay Student services Bldg., Room 303D, (903-886-5835).

Cheating and other breaches of academic conduct: Academic cheating, plagiarism, and other forms of academic misconduct may result in removal of the student from class with a failing grade or may in extreme cases result in the suspension or expulsion from the University as described in the “Code of Student Conduct” section of the Students Guidebook.
Basic Course Schedule (Subject to Change)

Week #1 – Chapter 1
"About Me" Assignment
Pluto as a Planet
Scientific Method

Week #2 – Chapter 2
Chapter 1 Discussion Question
Chapter 2 Discussion Question
Moving Man Lab
Sample Test

Week #3 – Chapter 3
Chapter 3 Discussion Question
Lady Bug Motion Lab
Chapter 1 Quiz
Chapter 2 Quiz

Week #4 – Chapter 4
Chapter 4 Discussion Question
Energy Skate Park Lab
Chapter 3 Quiz

Week #5 – Chapter 5
Chapter 5 Discussion Question
Energy Skate Park Lab
Chapter 4 Quiz
Test #1 – Chapters 1-3

Week #6 – Chapter 6
Chapter 6 Discussion Question
Greenhouse Effect Lab

Week #7 – Chapter 7
Chapter 7 Discussion Question
Circuit Lab
Chapter 6 Quiz

Week #8 – Chapter 7B
War of Current Paper
Test #2 – Chapters 4-6

Week #9 – Chapter 8
Sound Lab
Light Lab
Chapter 8 Discussion Question
Chapter 7 Quiz

Week #10 – Chapter 9
Chapter 9 Discussion Question
Periodic Table Lab
Chapter 8 Quiz

Week #11
Chapter 9 Quiz
Global Warming Paper

Week #12 – Chapter 10
Chapter 10 Discussion Question
Radioactivity Lab
Test #3 Chapters 7-9

Week #13 – Chapters 11-12
Acid-Base Lab
Chapter 12 Discussion Question
Chapter 10 Quiz

Week #14 – Chapter 13
Chemical Bonding Lab
Chapter 13 Discussion Question
Chapter 12 Quiz

Week #15
Class Improvement Assignment
Test #4 Chapters 10, 12, and 13

Week #16
Final

* Lack of participation may be considered the same as a lack of attendance and be grounds for being dropped from the course.

** Assignments may be added, dropped, or substituted during the course of the semester.