Honors 191, Honors Chemistry I
Fall 2015

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Description of Course

An introductory course in chemistry emphasizing theoretical aspects and designed primarily for students who intend to take one or more additional courses in chemistry.

Co-requisites and prerequisites

Honors 191L must be taken concurrently. Unless students exempt Math 111 or have completed this course as a prerequisite, they are required to Math 111 as a co-requisite.

Materials

ALEKS will be the main learning tool used with the class. Additional content will be delivered through Connect.

No printed copy
Of the book is required.
Everything online.

Online Materials

Please visit OAKS for up-to-date information concerning the course. There will be regular assignments in both Connect and ALEKS. These will be the source for graded online assignments.

Assignments online.
Expect class things due often.
Class is digital.
Learning Objectives

Upon completion of this course, students should be able to:

Know the definition of chemistry and the scientific method
Express common mathematical techniques in the solving of chemistry problems
Understand the role of the atom in chemistry
Distinguish, classify, and explain the properties of compounds
Recognize and explain the fundamental nature of chemical reactivity
Differentiate and describe the principles of the phases of matter

General Education Learning Objectives

Upon completion of this course, students should be able to:

Apply physical/natural principles to analyze and solve problems
Develop an understanding of the impact that science has on society

Class policies

Attendance at all class meetings is expected. You are expected to budget your time wisely and meet your obligations for this class. Experience has demonstrated that there is a strong correlation between your grade in the class and your attendance. You are responsible for learning the material when you miss class. My time in office hours is not for catching you up on material you missed. In the event you miss a lecture period, please check OAKS for a synopsis of that day’s lecture.

Attendance is good. Being present helps you learn but not required.

Grading Scheme

- 65% for the main course component
- 20% for Extra Credit Examinations
- 10% for Extra Credit ALEKS
- 5% for Extra Credit Connect
- Extra Credit Final Exam
Grading Scale

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>92-100</td>
</tr>
<tr>
<td>A–</td>
<td>90-91</td>
</tr>
<tr>
<td>B+</td>
<td>88-89</td>
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<tr>
<td>B</td>
<td>82-87</td>
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<td>B–</td>
<td>80-81</td>
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<td>C+</td>
<td>78-79</td>
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<tr>
<td>C</td>
<td>72-77</td>
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<tr>
<td>C–</td>
<td>70-71</td>
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<tr>
<td>D+</td>
<td>68-69</td>
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<tr>
<td>D</td>
<td>62-67</td>
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<tr>
<td>D–</td>
<td>60-61</td>
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<tr>
<td>F</td>
<td>below 60</td>
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</tbody>
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Grading Policies

There is no required work in this course. You are given 59.4% for the course with no work necessary. There are a number of extra credit opportunities in this course including three extra credit exams, extra credit online materials, and an extra credit final exam. If you choose to do any of the extra credit, you forfeit the 59.4% for the course and begin at 0%. Your final grade will be determined by the sum of 0% plus any extra credit you complete.

If you attempt all four of the extra credit exams, the lowest of your four extra credit exam scores will count 5% while the remaining three extra credit exams count 20%. Thus, the three highest extra credit exam scores will comprise 60% of the 65% of your extra credit exam grades and the remaining 5% will result from the lowest extra credit exam score. If you know you will be missing an extra credit exam, appropriate accommodations can be made in many cases.

It is not my policy to allow make-up extra credit examinations. In the event you do have to miss an examination, you must notify me as soon as possible so suitable accommodations can be made. If you fail to confer with me concerning a missed examination, you will receive a zero for that examination.

The Honor system is in effect in all your efforts for this course. Cheating will not be tolerated. If you are caught cheating, a grade of “F” will automatically be given and you will be brought before the Honor Board. By enrolling in this course, you are agreeing to abide by the Departmental policy on Scientific Integrity.

Grading scale is fixed.
All rules of rounding followed.
There is not a curve.

No work required.
Only extra credit stuff determines your grade.

Take all four exams,
Low exam counts five percent.
One bad day ok.

Make-up exams hard.
Only the excused can try.
Don’t miss an exam!

Honor system, yes!
Do not cheat! You will get F!
Just try me and see.
Extra Credit Examination Schedule

There are four extra credit exams given over the course of the semester. The dates of the exams are flexible but you will always be given at least one week’s notice before any of the in-class exams.

Exams are spread out.
You will know when they will be.
I will tell you when.

Extra Credit Final Examination Information

The extra credit final examination is a standardized examination containing 70 multiple choice questions and was prepared by the American Chemical Society. This is a timed exam (110 minutes).

Important Dates

October 19-20 – Fall Break
October 29 – Last day to withdraw from classes with the grade of “W”
December 7 – Last day of classes
December 11 – Extra Credit Final exam, 9 am