Honors 190L
Accelerated General Chemistry Laboratory
Sections 1 & 2, Fall 2018

Instructor: Dr. Jason S. Overby
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Description of Course

Introductory chemistry laboratory course presenting practical applications related to concepts from lecture. This course stresses student development of proper technique, application of scientific method, data analysis, and reporting of scientific data.

Co-requisites and prerequisites

Honors 190 is a co-requisite for Honors 190L. If you drop one of the courses, you must drop the other.

Text and supplies (required)

Lab Manual
Composition Notebook
Lab coat
Goggles
Gloves

Hons 190L Lab Learning Objectives

- Explain and apply the theory behind the methods employed in the lab
- Demonstrate techniques capable of obtaining precise and accurate results in the laboratory
- Compute stoichiometric, concentration, and statistical calculations
- Analyze and interpret data obtained in the laboratory

General Education Learning Outcomes

Hons 190/190L is not yet a part of an approved natural science general education sequence. You should make sure you fulfill your general education natural science requirement either in your physics or biology course sequences. HONS 190/HONS 192 may be approved in the future and an assessment of these learning outcomes will likely take place in HONS 192 in the spring.
The general education learning outcomes in the natural sciences are:

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

Class policies

Attendance is mandatory at all laboratory periods. If you must miss your laboratory period, there is no guarantee of attending another laboratory period to make up your missed work. If you choose to miss a laboratory period for any unexcused reason, you will receive zero credit for that laboratory period. A grade of “WA” will be assigned for missing four or more labs for any reason.

Grading scale

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>93-100</td>
<td>A</td>
</tr>
<tr>
<td>90-92</td>
<td>A−</td>
</tr>
<tr>
<td>88-89</td>
<td>B+</td>
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<tr>
<td>83-87</td>
<td>B</td>
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<td>80-82</td>
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<td>78-79</td>
<td>C+</td>
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<td>73-77</td>
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<td>63-67</td>
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<tr>
<td>60-62</td>
<td>D−</td>
</tr>
<tr>
<td>&lt;60</td>
<td>F</td>
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</tbody>
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Grading scheme

Laboratory reports and quizzes 65%
Laboratory notebook 5%
Student deportment 5%
Final Exam 25%

Student Evaluation

The format for lab reports is printouts of Excel spreadsheets. The spreadsheets will be available on OAKS for the given experiment. When turning in reports, staple all the pages together and ensure your name and section are written on the first page.

Lab reports are always due by Monday at noon. Late lab reports incur 25% penalty per day late.
Pre-lab quizzes will be given throughout the semester. The purpose of quizzes is to encourage you to prepare for lab. Quizzes are given at the beginning of the class period. Some quizzes may be delivered through OAKS. There will be no make-up or excused quizzes therefore it is your responsibility to arrive to lab on time. However, you will be allowed to drop the lowest quiz score when determining the final grade assuming you have taken all quizzes.

Failure to adhere to these or any other safety rules will result in dismissal from the laboratory with a grade of zero for that laboratory period.

Honor Code

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.

Accommodations for Students with Disabilities

If there is a student in this class who has a documented disability and has been approved to receive accommodations through the Center for Disability Services/SNAP (Students Needing Access Parity), please come and discuss this with me.