Honors 191L  
Principles of Chemistry Laboratory  
Fall 2015

Instructor: Dr. Jason S. Overby  
Office: SSMB 318  
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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 191 is a co-requisite for Honors 191L. If you drop one of the courses, you must drop the other.

Text and supplies (required)

Honors 191L Principles of Chemistry Laboratory Manual  
Lab coat  
Goggles  
Gloves

Hons 191L 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

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

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<tr>
<th>Grade</th>
<th>Percentage</th>
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<tr>
<td>A</td>
<td>93-100</td>
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<tr>
<td>A-</td>
<td>90-92</td>
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<tr>
<td>B+</td>
<td>88-89</td>
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<tr>
<td>B</td>
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<td>B-</td>
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<td>C+</td>
<td>78-79</td>
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<td>C</td>
<td>73-77</td>
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<td>C-</td>
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<td>D+</td>
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<td>D</td>
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<tr>
<td>D-</td>
<td>60-62</td>
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<td>F</td>
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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 Thursday 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.

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.