CHEM 370 Lab Schedule

*This schedule is subject to change as needed.*

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| Week Beginning | Lab Activity | Due |
| 2020-01-13 | Safety Lecture, Lab Notebooks | [Install Octave + Jupyter](%7B%7Bsite.url%7D%7D/chem370/lab-manual/appendix-1-getting-started-in-octave-and-jupyter-lab.html) |
| 2020-01-20 | *No labs (MLK Day)* | [Markdown Tutorial](https://www.markdowntutorial.com) |
|  |  | [MATLAB/Octave Tutorial](%7B%7Bsite.url%7D%7D/chem370/assignments/matlab-tutorial) |
| 2020-01-27 | UV-vis (Fluorescence): Quantify quinine | Lab Pack 1 |
| 2020-02-03 | GC (Gow-Mac): Percent composition | Lab Pack 2 |
|  | Work on Learning Instruments (independent) |  |
| 2020-02-10 | Statistics/Data Analysis | Notebook Peer Review |
|  | Notebook Peer Review & Instrument Test 1 |  |
| 2020-02-17 | Rotations |  |
| 2020-02-24 | Rotations |  |
| 2020-03-02 | Rotations | Data Analysis 1, 2 + notebook |
| 2020-03-09 | *No Labs (Spring Break)* |  |
| 2020-03-16 | Rotations | Intro + Methods |
| 2020-03-23 | Rotations |  |
| 2020-03-30 | Rotations | Data Analysis 3, 4 + notebook |
| 2020-04-06 | *No Labs (Easter)* |  |
| 2020-04-13 | Rotations | Intro + Methods + Results |
| 2020-04-20 | Rotations | Full Draft, Full Lab Notebook |
| 2020-04-27 | Lab & Instrument Clean Up | Final Report |
| 2020-05-04 | *No Labs (Final Exams)* |  |

Students will be required to attend instrumentation workshops outside of class to learn how to use each instrument. They will take a multiple-choice test to get a certification for that instrument. Each student must be certified before using an instrument. This certification contributes to your graded through SLO #1 on the syllabus.