

## CHEM 108-001 Spring 2019

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| <b>Instructor:</b>          | <b>Dr. Athena Detrick</b>         |
| <b>Lab Meeting Time:</b>    | Monday 2:00 pm - 4:50 pm Sims103  |
| <b>Prelab:</b>              | Monday 2:00 pm Sims113C           |
| <b>Recitation:</b>          | Friday 12:30 pm - 1:20 pm         |
| <b>Course Credit Hours:</b> | 1                                 |
| <b>E-mail:</b>              | detricka@winthrop.edu             |
| <b>Office:</b>              | 109A Sims                         |
| <b>Office Hours:</b>        | MWF 11:00-11:50 or by appointment |

All assignments are due at the beginning of the lab period except where otherwise indicated.

| Date | Schedule   | Assignments Due  |
|------|--|--|
| 1/7  | Introduction<br>Lab Bench Check-In                           | Safety/Webpage Quiz (Monday, 1-14-19) at 2:00 pm in Sims 113C                    |
| 1/14 | Safety/Webpage Quiz<br>Cooperative Project I                 | Cooperative Project I – Prelab Assignment  |
| 1/21 | No Lab   | Martin Luther King Day   |
| 1/28 | Cooperative Project II                                       | Cooperative Project II – Prelab Assignment; CP I lab report and notebook pages   |
| 2/4  | Cooperative Project III                                      | Cooperative Project III – Prelab Assignment; CP II lab report and notebook pages |
| 2/11 | Cooperative Project III                                      | Cooperative Project III – Prelab Assignment                                      |
| 2/18 | Cooperative Project IV                                       | Cooperative Project IV – Prelab Assignment; CP III lab report                    |
| 2/25 | Cooperative Project IV                                       | Cooperative Project IV – Prelab Assignment                                       |
| 3/4  | Cooperative Project V  | Cooperative Project V – Prelab Assignment; CP IV lab report                      |
| 3/11 | No Lab   | Spring Break   |
| 3/18 | Cooperative Project V  | Cooperative Project V – Prelab Assignment  |
| 3/25 | Cooperative Project VI                                       | Cooperative Project VI – Prelab Assignment                                       |
| 4/1  | Cooperative Project VI                                       | Cooperative Project VI – Prelab Assignment                                       |
| 4/8  | Cooperative Project VI- Data Analysis<br>Lab Check-Out       |  |
| 4/15 | Cooperative Project V- Presentations<br>Skills Exam Practice | Cooperative Project V – Oral PowerPoint Presentations in Sims 113C 2:00 pm       |
| 4/24 | <b>Final Exam, Wednesday at 3:00 pm</b>                      | CP VI Report due at 3:00 pm  |

This is a tentative schedule and is subject to change.

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| <b>Cooperative Project I:</b>   | <b>Project 1: Density</b>  |
| <b>Cooperative Project II:</b>  | <b>Project 11: Identification, Properties and Synthesis of an Unknown Ionic Compound</b>   |
| <b>Cooperative Project III:</b> | <b>Project 5: Designing a Calcium Supplement/Calcium Carbonate Synthesis</b>               |
| <b>Cooperative Project IV:</b>  | <b>Project 12: Hot and Cold</b>  |
| <b>Cooperative Project V:</b>   | <b>Project 14: Identification, Properties and Synthesis of an Unknown Organic Compound</b> |
| <b>Cooperative Project VI:</b>  | <b>Ethanol Kinetic Experiment</b>  |

| <b>Cooperative Project</b> | <b>Lab Report/Presentation Due Date</b>            |
|----------------------------|--|
| Cooperative Project I      | 1/28 Lab Report and notebook pages at start of lab |
| Cooperative Project II     | 2/4 Lab Report and notebook pages at start of lab  |
| Cooperative Project III    | 2/18 Lab Report at start of lab                    |
| Cooperative Project IV     | 3/4 Lab Report at start of lab                     |
| Cooperative Project V      | 4/15 Group Presentation                            |
| Cooperative Project VI     | 4/24 Lab Report at start of lab                    |