**Chemistry 132 Laboratory**

 **Survey of Chemistry II**

 **Spring 2018**

**Tuesday Lab: Section 001 – 9:30 am – 12:20 pm, DMF 485**

Dr. Sarah Soltau, ssoltau@bridgew.edu

**Wednesday Lab: Section 002 – 9:05 am – 11:55 am, DMF 485**

Mrs. Iana Hutchins, ihutchins@bridgew.edu

**Grading**:

Laboratory portion of CHEM 132 will count as 20% of the overall course grade. There are nine laboratories and your lowest score will be dropped from the grade.

There will be no make-up labs and any missed lab will receive a score of zero. You will be marked as absent and receive a zero lab grade if you are more than 10 minutes late.

**You must receive a passing grade in the lab to pass the course**. You will receive a failing grade in lab if:

1. you miss 3 or more labs
2. your score is less than 60%
3. you violate any safety rules, such as **not wearing safety goggles**

**Textbook and other necessities**:

All laboratories will be provided as handouts. These are available on the course Blackboard website

You must bring a calculator to laboratory.

You must buy a pair of **safety goggles** and of course **you must wear them at all times in the lab.**

**Before coming to the lab**:

You must complete the pre-lab assignment **before** you come to the lab. You have to read and understand the experiment that you’ll be performing **before** coming to the lab.

**In the laboratory**:

You are required to observe all safety rules.

Proper attire is required. Long hair should be tied. Loose clothing (oversized sleeves, extra baggy pants, etc.) should be avoided. No shorts allowed. Closed shoes must be worn (no sandals or flip-flops!). Bags, jackets and other items should not be left in the laboratory since someone may trip over and cause an accident. You may store them in the lockers in the hallway during the lab. The locker may be secured by a padlock during the lab but must be cleared when you leave.

**At the end of lab**:

You must complete and turn in the lab report and leave the bench clean.

**CHEM 132 - Laboratory Schedule - Spring 2018**

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| **Lab** | **Dates** | **Experiment** |
|  | 1/23-1/24 | **No Lab** |
| 1 | 1/30-1/31 | Safety training, Check-in, Hydrocarbons |
| 2 | 2/6-2/7 | Intermolecular Forces |
| 3 | 2/13-2/14 | Polymers-Macromolecules |
|  | 2/20-2/21 | **No Lab (President’s Day)** |
| 4 | 2/27-2/28 | Soaps and Detergents |
|  | 3/6-3/7 | **Spring Break**  |
| 5 | 3/13-3/14 | Strawberry DNA |
|  | 3/20-3/21 | **No Lab** |
| 6 | 3/27-3/28 | Chromatography |
| 7 | 4/3-4/4 | Electrophoresis |
| 8 | 4/10-4/11 | Protein Structure |
|  | 4/17-4/18 | **No Lab (Patriots Day)** |
| 9 | 4/24-4/25 | Enzymes, Check-out |