**Rowan College at Burlington County**

**Division of Science, Technology, Engineering and Mathematics**

**CHE 116-302 General Chemistry I Laboratory**

**Spring 2017 Schedule**

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| **Date** | **Experiment** | **Topic** | **Corresponding Text Book Chapters** |
| Week 1  (1/24) | Introduction | Safety rules, Lab Equipment | -------------------------------- |
| Week 2  (1/31) | Experiment 1  (a, d, e, unknowns)  *(1a is done as homework)* | Metric System, Glassware, Balances | 1, 2 |
| Week 3  (2/07) | Experiment 2 | Physical Properties, Lab Equipment, Chemicals | 1, 2 |
| Week 4  (2/14) | Identify Unknowns by  Physical Properties | Physical Properties, Glassware, Equipment, Chemicals | 1, 2 |
| Week 5  (2/21) | Experiment 7 | Chemicals, Chemical Reactions | 3, 4 |
| Week 6  (2/28) | Experiment 4 | Chemicals, Chemical Reactions | 3, 4 |
| Week 7  (3/07) | Experiment 15 | Chemical Reactions, Activity Series | 4 |
| Week 8  (3/14) | NO CLASS | SPRING BREAK | \_\_\_\_\_\_\_\_\_ |
| Week 9  (3/21) | Experiment 8  (CHE 116 packet) | Chemicals, Precipitation Reaction, Lab Technique | 4 |
| Week 10  (3/28) | Chemical Info Search, Concentration Units, Atomic Spectra | Chemical Information Search, Units used for Concentrations, H2 and He Emission Lines | 4, 13, 6 |
| Week 11  (4/04) | Solution Preparation | Solution Preparation, Dilution & Calibration Curve | 4 |
| Week 12  (4/11) | Death of a Businessman Experiment | Solution Preparation, Calibration Curve | 4 |
| Week 13  (4/18) | Titration Introduction Experiment | What is a Titration Used for, and how is a Titration performed? | 10 |
| Week 14  (4/25) | Experiment 13 | Gas behavior | 4 |
| Week 15  (5/02) | Lab Practical \* | Some of the above | Some of the above |

\*Students perform the lab practical exercises individually