**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 byPhysical 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