**Organic Chemistry Lab V12AL Fall 2018**

**Monday Wednesday**

**Week 1 8/20 8/22**

Check-in Prelab 1 due

Overview of lab E1: Separation of a Mixture

Distillation Set-up Practice

Reflux Set-up Practice

Vacuum Filtration Set-up Practice

**Week 2 8/27 8/29**

E1 cont’d Prelab 2 due

E1 & Postlab 1 due

E2: Recrystallization

**Week 3 9/3 9/5**

**Labor Day** E2 cont’d

**Week 4 9/10 9/12**

\*Quiz (E1&2)

Prelab 3 due E3 cont’d

E2 & Postlab 2 due

E3: Chromatography

**Week 5 9/17 9/19**

Prelab 4 due E4 cont’d

E3 & Postlab 3 due

E4: Qualitative Analysis

**Week 6 9/24 9/26**

\*Quiz (E3&4)

Prelab 5 due E5 cont’d

E4 & Postlab 4 due

E5: Fractional Distillation

**Week 7 10/1 10/3**

Prelab 6 due E6 cont’d

E5 & Postlab 5 due

E6: IR Spectroscopy

**Week 8 10/8 10/10**

\*Quiz (E5&6)

Prelab 7 due E7 cont’d

E6 & Postlab 6 due

E7: Clove Oil

**Week 9 10/15 10/17**

E7 cont’d Prelab 8 due

E7 & Postlab 7 due

E8: Banana Oil

**Week 10 10/22 10/24**

E8 cont’d E8 cont’d

**Week 11 10/29 10/31**

\*Quiz (E7&8)

Prelab 9 due E9 cont’d

E8 & Postlab 8 due

E9: Markovnikov”s Rule

**Week 12 11/5 11/7**

E9 cont’d Prelab 10 due

E9 & Postlab 9 due

E10: Chirality

**Week 13 11/12 11/14**

**Veteran’s Day** E10 cont’d

**Week 14 11/19 11/21**

\*Quiz (E9&10)

Prelab 11 due E11 cont’d

E10 & Postlab 10 due

E11: Nucleophilic Substitution Rxns

**Week 15 11/26 11/28**

Prelab 12 due E12 cont’d

E11 & Postlab 11 due

E12: Elimination Rxns

**Week 16 12/3 12/5**

\*Quiz (E11&12)

\*\*Prelab 6 due (from 12BL) \*\*NMR Analysis cont’d

E12 & Postlab 12 due

\*\*E6: NMR Analysis

**Week 17 12/10 12/12**

**Check-out Final Exam**