**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**