**Organic Chemistry Lab V12AL Fall 2018**

 **Tuesday Thursday**

**Week 1 8/21 8/23**

 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 8/28 8/30**

 E1 cont’d Prelab 2 due

 E1 & Postlab 1 due

 E2: Recrystallization

**Week 3 9/4 9/6**

 E2 cont’d \*Quiz (E1&2)

 Prelab 3 due

 E2 & Postlab 2 due

 E3: Chromatography

**Week 4 9/11 9/13**

 E3 cont’d Prelab 4 due

 E3 & Postlab 3 due

 E4: Qualitative Analysis

**Week 5 9/18 9/20**

 E4 cont’d \*Quiz (E3&4)

 Prelab 5 due

 E4 & Postlab 4 due

 E5: Fractional Distillation

**Week 6 9/25 9/27**

 E5 cont’d Prelab 6 due

 E5 & Postlab 5 due

 E6: IR Spectroscopy

**Week 7 10/2 10/4**

 E6 cont’d \*Quiz (E5&6)

 Prelab 7 due

 E6 & Postlab 6 due

 E7: Clove Oil

**Week 8 10/9 10/11**

 E7 cont’d E7 cont’d

**Week 9 10/16 10/18**

 Prelab 8 due E8 cont’d

 E7 & Postlab 7 due

 E8: Banana Oil

**Week 10 10/23 10/25**

 E8 cont’d \*Quiz (E7&8)

 Prelab 9 due

 E8 & Postlab 8 due

 E9: Markovnikov”s Rule

**Week 11 10/30 11/1**

 E9 cont’d E9 cont’d

**Week 12 11/6 11/8**

 Prelab 10 due E10 cont’d

 E9 & Postlab 9 due

 E10: Chirality

**Week 13 11/13 11/15**

 \*Quiz (E9&10) E11 cont’d

Prelab 11 due

 E10 & Postlab 10 due

 E11: Nucleophilic Substitution Rxns

**Week 14 11/20 11/22**

 Prelab 12 due **Thanksgiving**

E11 & Postlab 11 due

 E12: Elimination Rxns

**Week 15 11/27 11/29**

 E12 cont’d \*Quiz (E11&12)

 \*\*Prelab 6 due (from 12BL)

 E12 & Postlab 12 due

 \*\*E6: NMR Analysis

**Week 16 12/4 12/6**

 \*\*NMR Analysis cont’d **Check-out**

**Week 17 12/11**

 **Final Exam**