

CHEMISTRY 105, SUMMER 2021

Experiment Dates – Monday/Wednesday Section

Experiment	Date
Lab 1: Laboratory Orientation, Safety and the Balance	6/14
Lab 2: The Mohr Pipet, Serial Dilutions, and Standard Curves	6/16
Lab 3: Titrations and the Buret	6/21
Lab 4: Determination of the Acid Content in Lemonade Kool-Aid	6/23
Lab 4: Determination of the Acid Content in Lemonade Kool-Aid cont.	6/28
Lab 5: Spectroscopic Analysis of Aspirin/Safety Activity 1	6/30
NO LAB	7/5
Lab 6: Determination of Acetylsalicylic Acid in Aspirin/Safety Activity 2	7/7
Lab 7: Buffers/Safety Activity 3	7/12
Lab 8: Determining the pKa of Aspirin	7/14
Lab 9: Gibbs Free Energy/Safety Activity 4	7/19
Lab 10: Electrochemistry	7/21
Lab 11: Differential Rate Laws	7/26
Lab 12: Integrated Rate Laws	7/28
Lab 13: Hydrolysis of Aspirin	8/2
NO LAB	8/4

PreLab HW Dates

All HW due by 10:00 PM on Lon-Capa

PreLab HW For:	Due
(Policies/Safety)*	6/15
Lab 2 (Mohr Pipet)	6/15
Lab 3 (Titrations)	6/20
Lab 4 (Lemonade)	6/22
Lab 5 (Spec Aspirin)	6/29
Lab 6 (Acetyl. Aspirin)	7/6
Lab 7 (Buffers)	7/11
Lab 8 (pKa Aspirin)	7/13
Lab 9 (Free Energy)	7/18
Lab 10 (Electrochem)	7/20
Lab 11 (Diff Rate Law)	7/25
Lab 12 (Int Rate Law)	7/27
Lab 13 (Hydrolysis)	8/1

PostLab HW Dates

All HW due by 5:00 PM on Lon-Capa

PostLab HW For:	Due
Lab 1 (Safety/Balance)	6/15
Lab 2 (Mohr Pipet)	6/20
Lab 3 (Titrations)	6/22
Lab 4 (Lemonade)	6/29
Lab 5 (Spec Aspirin)	7/6
Lab 6 (Acetyl. Aspirin)	7/11
Lab 7 (Buffers)	7/13
Lab 8 (pKa Aspirin)	7/18
Lab 9 (Free Energy)	7/20
Lab 10 (Electrochem)	7/25
Lab 11 (Diff Rate Law)	7/27
Lab 12 (Int Rate Law)	8/1
Lab 13 (Hydrolysis)	8/3

**Students must correctly complete the Course Policy Assignment and Safety Quiz BEFORE 6/15 in order to gain access to the rest of the course in LON-CAPA. Prelab 1 will open as soon as these assignments are correct and complete.*