

# EKİM 110 GENERAL CHEMISTRY LABORATORY

## EXPERIMENTAL OUTLINE

Week No.	Experiment Title	Group A-B Thursday 11.00-13.00	Group C-D Friday 09.00-11.00
1	Laboratory Rules and Safety <a href="https://youtu.be/4_AUj5nFwmQ">https://youtu.be/4_AUj5nFwmQ</a> <a href="https://youtu.be/s9etU3XfxB0">https://youtu.be/s9etU3XfxB0</a> Introduction of Basic Laboratory Materials and Applications <a href="https://youtu.be/xy1sv6KGjeE">https://youtu.be/xy1sv6KGjeE</a>	20.02.2025	21.02.2025
2	Identification of Substances According to Their Properties <a href="https://bit.ly/2Bu4Xhz">https://bit.ly/2Bu4Xhz</a>	27.02.2025	28.02.2025
3	Solution Preparation <a href="https://youtu.be/GVNwg0pkdR8">https://youtu.be/GVNwg0pkdR8</a>	06.03.2025	07.03.2025
4	Determination of Molecular Mass of Volatile Liquids	13.03.2025	14.03.2025
5	Thermal Decomposition of Potassium Chlorate and Determination of the Molar Volume of Oxygen	20.03.2025	21.03.2025
6	Intermolecular Interactions: Dissolution of alcohols in water and ether <a href="https://youtu.be/7sHI0mbhW7Q">https://youtu.be/7sHI0mbhW7Q</a>	27.03.2025	28.03.2025
<b>RAMADAN FEAST-BANK HOLIDAY (March 29-April 1, 2025)</b>			
<b>FIRST WEEK OF MIDTERMS</b>			
9	Colligative Properties: Freezing point depression and boiling point elevation <a href="https://www.youtube.com/watch?v=eqnmSWcOJpQ">https://www.youtube.com/watch?v=eqnmSWcOJpQ</a>	17.04.2025	18.04.2025
<b>APRIL 23, NATIONAL SOVEREIGNTY AND CHILDRENS' DAY</b>			
<b>MAY 1, LABOUR DAY-BANK HOLIDAY</b>			
12	Titration of Weak Acids, pH and Buffers <a href="https://youtu.be/gn9hK8oOSrQ">https://youtu.be/gn9hK8oOSrQ</a> <a href="https://youtu.be/pZNU35qWTXM">https://youtu.be/pZNU35qWTXM</a>	08.05.2025	09.05.2025
13	Investigation of Factors Affecting Reaction Rate <a href="https://youtu.be/C4EHrGv7Sn8">https://youtu.be/C4EHrGv7Sn8</a>	15.05.2025	16.05.2025
14	Chemical Equilibrium and Determination of Equilibrium Constant <a href="https://youtu.be/UaP-60FYsD8">https://youtu.be/UaP-60FYsD8</a>	22.05.2025	23.05.2025
15	Redox Reactions: Investigation of metal activities	29.05.2025	30.05.2025
15	Make-up	29.05.2025	30.05.2025