

**JOLIET JUNIOR COLLEGE
CHEMISTRY 101
LABORATORY EXERCISES
FALL 2019**

A LABORATORY GRADE IS A REQUIRED PART OF CHEMISTRY 101. CONSULT YOUR INSTRUCTOR'S COURSE SYLLABUS FOR THE "MISSED EXPERIMENT" POLICY.

<u>WEEK OF</u>	<u>TITLE of EXPERIMENT</u>
August 19	Laboratory Check-in and Introduction to Lab Procedures and Safety Principles.
August 26	Density
September 2	JJC CSI
September 9	Group II: The Chloride Group
September 16	Energy Content of Foods
September 23	Green Chemistry
September 30	Titration of Acids and Bases
October 7	Alum from Aluminum Beverage Cans
October 14	Determination of Water Hardness
October 21	Determination of Iron in Cereal
October 28	Evaluation of the Gas Law Constant Pressure-Temperature Relationship in Gases Boyle's Law
November 4	Additivity of Heats of Reaction: Hess's Law Heats of Combustion: Magnesium
November 11	Atomic Spectrum of Hydrogen
November 18	Molecular Models
November 25	Vapor Pressure of Liquids
December 2	Check out of Laboratory

Schedule subject to change.