

Spokane Falls Community College
COURSE LEARNING OUTCOMES

Prefix and Course Number:	CHEM&252
Course Title:	Organic Chemistry Lab II
Version Date: mm/dd/yyyy	1.21.2021

Course Learning Outcomes

Upon successful completion of the course, the student will be able to:

1. Engage in safe laboratory practices by handling laboratory glassware, equipment, and chemical reagents appropriately and dispose of chemicals in a safe and responsible manner.
2. Integrate chemical concepts and reaction mechanisms (SN₁, SN₂, E₁, oxidation, reduction, and aromatic electrophilic substitution) learned in lecture courses with skills learned in laboratories to perform experiments, collect data, compile and interpret results and draw reasonable and logical conclusions.
3. Create a detailed scientific notebook, critically evaluate data collected to determine the identity, purity, and yield of products.
4. Summarize findings in writing in clear, well-documented lab reports using the language of science.