

Spokane Falls Community College

COURSE LEARNING OUTCOMES

Prefix and Course Number: CHEM&122
Course Title: Intro to Organic Chemistry with Lab
Version Date: 4/2/2019

Course Learning Outcomes

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

1. Recognize and draw the structure and functional groups of aliphatic and aromatic hydrocarbons, alcohols, ethers, amines, aldehydes, ketones, carboxylic acids, and related compounds.
2. Apply IUPAC rules to name organic compounds.
3. For each of the above listed families of organic compounds
 - a. Predict the products of their common chemical reactions.
 - b. Write chemical reactions for their synthesis.
 - c. Describe their physical properties.
4. Determine the stereochemistry of chiral compounds.
5. Perform pertinent laboratory experiments, record observations, analyze data, and present the results in written form.