

Spokane Falls Community College

## COURSE LEARNING OUTCOMES

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Prefix and Course Number: CHEM&163  
Course Title: General Chemistry with Lab III  
Version Date: 4/2/2019

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### Course Learning Outcomes

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

1. Solve problems, analyze results, and make predictions relating to aqueous equilibrium, including acid-base and solubility products.
2. Explain the concepts of thermodynamics, solve related problems and interpret the results.
3. Solve problems related to electrochemistry.
4. Write balanced nuclear equations, solve problems, and discuss applications of nuclear chemistry.
5. Identify organic compounds, recognize functional groups, and name simple organic compounds.
6. Perform pertinent laboratory experiments, record observations, analyze data, and present the results in written form.