

Print Date: 7/31/14

**Course Objectives/Course Outline**  
**Spokane Community College**

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**Course Title:** Hydrogeology  
**Prefix and Course Number:** WATER 110

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**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

- Understand the basics of geologic framework and hydrology of aquifers.

**Course Outline:**

- I. Introduction
  - A. Geologic framework
  - B. Hydrology aquifers
  - C. Geologic factors such as:
    1. Rock type
    2. Structure
    3. Geomorphology
    4. Geologic environments
  - D. Groundwater terminology
  - E. Principles of groundwater flow
  - F. Practical application of geologic maps
  - G. Aerial photos
  - H. Basic computational skills are introduced