

Print Date: 11/15/17  
**Course Objectives/Course Outline**  
**Spokane Community College**

---

---

**Course Title:** Utility Construction II

**Prefix and Course Number:** UTIL 102

---

**Course Learning Outcomes:**

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

- Demonstrate appropriate safety techniques
- Apply electrical principles and theories as required
- Interpret job prints and standards
- Utilize established radio communication practices

**Course Outline:**

I. Improve Practical Applications

- a. CDL
- b. Electrical Theory
- c. Knots
- d. Air Brakes
- e. Defensive Driving

II. Communications

- a. Interview Skills / Mock Interviews
- b. Resume Writing
- c. Interpersonal Skills
- d. Job Search
- e. Radio Communication Practices

III. Certifications

- a. Flaggers Certificate
- b. OSHA 10 T & D

IV. Characteristics and Hazards of Natural Gas

- a. Flammability Range
- b. Mixture of Gas and Air
- c. Molecular Makeup
- d. Gas Migration
- e. Potential Ignition Sources