

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

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**Course Title: Fundamentals of Educational Course Design**

**Prefix and Course Number: RT 410**

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**Course Learning Outcomes:**

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

- Describe the unique characteristics of the adult learner
- Analyze the learning styles of your audience
- Differentiate between pedagogy and andragogy
- Describe three methods of performing a needs assessment prior to developing an educational program
- Demonstrate how to write measureable objectives
- Develop a syllabus for a topic of instruction
- Demonstrate the use of three methods of learner evaluation
- Develop an assessment tool to evaluate the effectiveness of an instructional program
- Discuss marketing techniques to promote healthcare educational programs
- Demonstrate educational competence by teaching a unit of instruction in the sophomore respiratory care laboratory

**Course Outline:**

- I. The adult learning
  - A. Need to know
  - B. Andragogy versus pedagogy
- II. Audience analysis
  - A. Surveys
  - B. Educational background
  - C. Purpose of event
- III. Needs assessment
  - A. Dacum process
  - B. Surveys
  - C. Performance reviews
- IV. Objectives
  - A. Measurement of outcomes
  - B. Writing performance based objectives
  - C. Writing measureable objectives
- V. Syllabus design
  - A. Intro
  - B. Learning outcomes
  - C. Learning resources
  - D. Units of instruction
  - E. Measurement tools
- VI. Assessment of learning
  - A. Written evaluation
  - B. Performance evaluation

- C. Return demonstration
- VII. Marketing
- VIII. Teaching in the respiratory care curriculum