Course Objectives/Course Outline
Spokane Community College

Course Title: Computer Applications in Respiratory Care
Prefix and Course Number: RT 264
Course Learning Outcomes:
By the end of this course, a student should be able to:

- Apply basic word processing skills using Microsoft Word
- Apply basic PowerPoint presentation, design and production
- Apply the basics of performing an internet search to answer a clinical question
- Design a search for locating journal articles from the Respiratory Care Journal database
- Become familiar with the PubMed database and create a user account
- Summarize an article from the April and May 2014 Respiratory Care Journals
- Discuss the information gathering and decision making skills used with the clinical simulation portion of the NBRC registry exams
- Completes a patient simulation of the instructors choice with a combined score of 65% or higher
- Revise and updates saved documents for future reference
- Completes and submits a resume
- Updates and maintains an internet resource list for the profession
- Access the AARC and RCSW websites and locates contact information for the current officers, job opportunities, clinical resources and political advocacy information
- Becomes familiar with medical charting utilizing electronic medical records during clinical rotations
- Create and maintain a professional e-mail account (outlook)

Course Outline:

I.   Word processing
        A. MS Word and how to kill your mouse
II.   PowerPoint
        A. PowerPoint design and development
III.   Internet search
        A. Pubmed
        B. Cochrane database
        C. RC Journal
IV.   Clinical simulation
        A. Information gathering
        B. Decision making
V.   Computer resource web sites
        A. Professional organizations
        B. Department of health
VI.   Use of the electronic medical record
        A. Orientation to hospital EMR