

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

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**Course Title: Research in Respiratory Capstone**

**Prefix and Course Number: RT 409**

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**Course Learning Outcomes:**

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

- Formulate a research question to be answered
- Conduct a literature search utilizing Pub Med and RC journal to include a minimum of 10 background articles related to the research question
- Analyzes the data obtained in the literature search
- Develop a literature review suitable for publication
- Designs a poster presentation (using the AARC Open Forum Poster style) of the literature review and presents the findings
- Work collaboratively with class members to sponsor a local RCSW chapter event to present the research findings

**Course Outline:**

- I. Development of research question / clinical question identified in RT 417
- II. Review of literature review format
  - A. RC Journal format and citation
- III. Literature search/review utilizing (independent work)
  - A. PubMed database
  - B. RC Journal
  - C. American Journal of Respiratory and Critical care Medicine
  - D. Chest Journal
  - E. Collection of 10 articles (minimum) related to clinical question
- IV. Analysis of the data obtained from the literature review (independent work with in- class support)
- V. Literature review draft
- VI. Literature review final
  - A. Suitable for publication in RC Journal
- VII. Introduction to AARC Open Forum Poster Presentation
- VIII. Completion of poster in AARC Open Forum style
- IX. Group activity: sponsor and hold a local RCSW chapter event to present the research findings (mini AARC Open Forum)