



ANTELOPEVALLEY COLLEGE

Academic Affairs  
Course Outline of Record

Academic Affairs Only

- New Course
- COR Revision
- COR Update
- Pre Req/Advisories
- Other Changes 12/06/2007
- Effective Date

**COURSE SUBJECT & NUMBER:** RCP 204 RCP 204CL

**COURSE NAME:** Seminar and Practicum in Respiratory Care II

**COURSE UNITS:** 9 **COURSE HOURS:** 2 hrs lecture and 21 hours clinic per week

**COURSE REQUISITES:** *(Follow format of similar courses found in the college catalog.)*

Prerequisites: Completion of RCP 201, RCP 202, RCP 202CL, RCP 203 and RCP 203CL with a grade of “C” or better; Admission to the Respiratory Care/Therapy program

Corequisites: RCP 204CL

Instructional materials fee required for this course and must be paid at registration.

**COURSE DESCRIPTION:** *(Write a short paragraph providing an overview of topics covered. Be sure to identify target audience--transfer, major, GE, degree/certificate, etc. If repeatable, state the number of times at end of description)*

Historical, contemporary and technical issues germane to respiratory care as an allied health profession will be explored. Emphasis will be placed on issues relevant to current credentialing requirements. Preparation for post-graduate credentialing examination will be included in the course. (AVC)

**COURSE OBJECTIVES:** *(Use Bloom’s taxonomy to formulate concise, performance-based measurable objectives common to all students. Objectives must be closely aligned with course content, assignments, and methods of evaluation.*

**Upon completion of course, the successful student will be able to:**

1. \*Synthesize knowledge of pathophysiology, patient condition, laboratory and diagnostic tests, and therapeutic modalities into care of patients needing respiratory care therapies.
2. Demonstrate competency in Advanced Cardiac Life Support training.
3. \*Select techniques for locating employment in the field of respiratory therapy.
4. \*Choose equipment for home care operation.
5. Relate historical and professional issues in professional credentialing.
6. \*Participate in community respiratory education and screening.
7. Develop a plan of review for the CRTT and RTT examinations.

\* Denotes SCANS competencies.

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**COURSE CONTENT:** *(Enter course content in terms of specific topics or a specific body of knowledge that each instructor must cover. Put topics in outline form with major and minor headings. Title 5 requires that each instructor covers all material listed below.)* Note: This is a two-column page.

- I. Understanding the NBRC testing process
  - a. CRTT examination
  - b. RTT examination (simulation)

- II. Situational sets/clinical simulations
  - a. Preparing for clinical simulation testing
  - b. Responding to situations

- III. Advanced Cardiac Life Support training
  - a. ECG recognition
  - b. Protocols for selected situations
  - c. Situational practice

- IV. Preparing for employment
  - a. Locating a position
  - b. Application procedures, resume writing
  - c. Interviewing process
  - d. Work schedules

- V. Respiratory home care
  - a. The “ideal” patient
  - b. Selecting equipment
  - c. Monitoring equipment and the patient
  - d. Support for patient and significant others

- VI. Community education
  - a. Community resources
  - b. PFT in the community setting
  - c. Nicotine addiction and education
  - d. Environmental hazards and education

- VII. Clinical and community practice

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**TYPICAL HOMEWORK ASSIGNMENTS: READING, WRITING, COMPUTATIONAL, OTHER**

*This material is necessary for all credit courses. Assignments should be clearly related to course objectives, content, and methods of evaluation. (See sample of a “Model Outline” in the AP&P Standards & Practices handbook.) Include a range of assignments (minimum of three) from which faculty may choose when designing their syllabus.*

**1. Describe nature and frequency of typical reading assignments if applicable; note if any are required:**

30 pages of reading in professional publications and review guide

**2. Describe nature and frequency of typical writing assignments if applicable; note if any are required:**

5-8 page research paper on community education topic related to respiratory care; journal of experiences in the community service project

**3. Describe nature and frequency of typical computational assignments if applicable; note if any are required:**

Dosage calculations for resuscitation drugs and fluids weekly

None

**4. Describe other types of assignments that students may be asked to complete:**

Participation in community service project

**5. Describe those critical thinking skills that are derived from assignments listed above; be sure that they reflect course objectives.**

Community education research project and clinical practice will enable students to synthesize knowledge of pathophysiology, patient condition, laboratory and diagnostic tests, and therapeutic modalities into care of patients needing respiratory care therapies.

**6. For categories 1-4, describe the estimated time per week it would take a student to complete homework assignments. Title 5 uses the Carnegie formula for establishing units using a 2:1 ratio as follows: 1 hr. lecture = 2 hrs. homework; 2 hrs. lecture = 4 hrs. homework; etc. For example: reading textbook—2 hours; writing reports—3 hours.**

**Reading:** 4-8 hours per week from readings on professional topics

**Writing:** : 2 hours weekly to complete letters inquiring about employment and writing resume

**Computational:** ½ hr weekly to calculate resuscitation drugs and fluids

**Other:** community service project: ½ hr per week (averaged over the semester)

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**METHODS OF INSTRUCTION:** *(Methods must be consistent with content and appropriate to objectives; state in terms of what instructor will be doing in order to present course content to students.)*

Discussion, oral presentations, guest speakers, supervised clinical practice, external exam simulating licensure exam

**METHODS OF EVALUATION:** *(These must be clearly related to course content, assignments, and objectives, in order to comply with Title 5 requirements. Describe what instructor will be looking for when evaluating assignments and tests in order to determine whether students have met course objectives. Grades must be based on demonstrated proficiency in subject matter and determined, where appropriate, by essays, objective and essay tests, research papers, problem solving exercises, or skills' demonstrations.)*

Supervised patient care with direct observation of competence by instructor or preceptor, demonstrations of performance on selected procedures to determine communication skills and collaboration skills. Written and multiple choice exams covering topics presented in seminar by guest speakers and instructor. Preparation of employment documents. Research paper to determine synthesis of information related to community education in respiratory care. Journal of community service project to determine synthesis of RCP role.

**Suggested Texts or other Instructional Materials** *(include title, author, publisher, date, and edition):*  
Persing, G. Respiratory Care Exam Review, Saunders, 2000.