

LSC Use Only  
Number:

UWUCC Use Only  
Number: 97-20

**I. Catalog Description**

**RC 201 Respiratory Care Seminar 2      1 credit  
1 lecture hour  
0 lab hours  
(1c-01-1sh)**

**No prerequisites or corequisites**

**Introduces the students to the basic science and principles of respiratory care. Content will include cardiopulmonary physiology, pathology, and respiratory care techniques. The transition and adaptation of respiratory care majors as they relocate to the clinical setting at West Penn Hospital will also be discussed.**



4. Treatment of Infectious Disease

**WEEK TWO**

**Cardiopulmonary Terminology**

1. Word Roots
2. Medical Prefixes
3. Medical Suffixes

**WEEK THREE**

**Introduction to Respiratory Care Treatment Modalities**

1. Drug Aerosols
2. Incentive Spirometry
3. Chest Physiotherapy
4. Metered Dose Inhalers

**WEEK FOUR**

**Physical Assessment of the Respiratory System**

1. Inspection
2. Palpation
3. Percussion
4. Auscultation

**WEEK FIVE**

**Mechanics of Ventilation**

1. Definitions
2. Components of Ventilation
3. Process of Ventilation
4. Work of Breathing

#### IV. EVALUATION METHODS

##### Evaluation:

The student has the opportunity to earn 100 points during this seminar. Two multiple choice exams, with a possible 50 points each, are administered during week four and week seven. The number of test items vary but are weighted to equal 50 points if all items are answered correctly. Items are constructed to

McPherson, S.P., Respiratory Therapy Equipment, 4th edition, C.V. Mosby Company, St. Louis, MO, 1990.

Purtilo, R., Health Professional and Patient Interaction, 4th edition, W.B. Saunders, Philadelphia, PA, 1990.

COURSE ANALYSIS QUESTIONNAIRE

A1

This course is designed to introduce sophomore respiratory therapy majors to specific content related to their designated major and curriculum. Various therapeutic modalities used in the acute care setting are introduced. Close communication is maintained between therapist instructors from West Penn Hospital and IUP campus students.

during West Penn Hospital's site visit recommended that we develop an "on campus" introductory course offering.

**Section B**      **Interdisciplinary Implications**

B1                      This course will be team taught by each of the following individuals.

Coordinator of Allied Health Professionals, IUP

All full-time faculty of the Western Pennsylvania Hospital School of  
Respiratory Care:

Program Director

Clinical Director



of Allied Health Professions.

- c. Clinical equipment was brought from West Penn Hospital when needed. Audiovisual equipment was readily available at Johnson Hall.
- d. Laboratory and consumable goods are available through West Penn Hospital.
- e. Library books and brochures are available in the Nursing Library at Johnson Hall to accommodate the students needs.
- f. West Penn Hospital faculty are reimbursed by the hospital for mileage to and from IUP for this course.

- C2 No grant fundings are associated with this course.
- C3 This course will be offered every year in the spring semester.
- C4 One section of the course will be offered at a time.
- C5 About five to fifty students will be accommodated in this course.
- C6 There are no known recommended enrollment limits or parameters by professional societies.
- C7 Yes, this course will be a requirement. However, it will not affect the number of free electives since the credits will come from the 11-1.