RESPIRATORY CARE (2790)

2790:100. Concepts in Respiratory Therapy. (3 Credits)
Prerequisites: 2030:152 and 2030:153. Introductory concepts regarding the
practice and application of the theories employed in respiratory
therapy, including career information, equipment (lecture/discussion)

2790:210. Respiratory Therapy Procedures I. (3 Credits)
Prerequisites: [2790:100, 2740:120, and 2780:106] or [3100:200, and
3100:201]. Application of oxygen and aerosol therapy equipment.
Lecture/laboratory.

2790:215. Respiratory Therapy Pharmacology. (3 Credits)
Prerequisites: 2790:100, 3150:110, and 3150:111. Pharmacologic actions
and effects of medications delivered by respiratory therapists, and routes
of administration.

2790:290. Special Topics: Respiratory Care. (1-3 Credits)
(May be repeated for a maximum of three credits) Prerequisite:
Permission. Selected topics or subject areas of interest in respiratory
therapy technology.

2790:301. Cardiopulmonary Assessment Techniques. (2 Credits)
Prerequisites: 2780:107 or [3100:202 and 3100:203]. Overall patient
assessment, with concentration on the cardiopulmonary systems.
Overview of common illness and related clinical manifestations. Lecture/
laboratory.

2790:302. Cardiopulmonary Anatomy and Physiology. (3 Credits)
cardiopulmonary systems.

2790:303. Cardiopulmonary Pathology. (4 Credits)
Prerequisites: 3790:301 and 3790:302. Discussion of diseases of the
heart and lungs, and their relationship to the role of the respiratory
therapist.

2790:311. Respiratory Therapy Procedures II. (3 Credits)
Prerequisites: [2790:210 and 2780:107] or [3100:202 and 3100:203].
Airway Care and Lung Inflation Techniques. Lecture/laboratory.

2790:312. Diagnostics I. (3 Credits)
Bedside screening studies for the evaluation of cardiopulmonary
diseases. Lecture/laboratory.

2790:313. Diagnostics II. (3 Credits)
Prerequisites: 2790:311 and 2790:312. Corequisite: 2790:303. Laboratory
diagnostic studies for the evaluation of cardiopulmonary diseases.
Lecture/laboratory.

2790:315. Advanced Pharmacology for Respiratory Therapy. (3 Credits)
Prerequisite: 2790:215. Pharmacologic actions and effects of
Cardiopulmonary Medications.

2790:320. Neonatal/Pediatrics for Respiratory Therapy I. (3 Credits)
Prerequisite: 2790:301. In depth coverage of neonatal & pediatric
respiratory care concepts. Emphasis placed on anatomy and physiology,
assessment, and therapeutics.

2790:325. Mechanical Ventilation. (4 Credits)
Introduction to mechanical ventilation and equipment. Lecture/lab.