

- RESP 2210 Respiratory Care Practicum II** (0-36-5)
 A continuation of RESP 2201. Emphasis will be placed on departmental protocols and clinical guidelines. Students are introduced to the care of adult critically ill patients in the Intensive Care unit. Mastery of active hyperinflation therapies, chest physiotherapy, arterial blood punctures analysis, and continued concepts of airway management. The student will be required to attend a competency workshop and successfully complete an intubation Rotation in the Operating Room as part of this course. Students will be required to complete weekly logs and case studies as part of this course.
 Corequisite: RESP 2330.
 Prerequisites: Current CPR, RESP 2201.
 Offered: A-term Fall Semester Sophomore Year.
- RESP 2220 Respiratory Care Practicum III** (0-36-5)
 Practicum to support content presented in RESP 1136 and RESP 1137. Practical experiences will occur in proportion to emphasis placed on the cognitive content in the companion course. This course may also provide an opportunity for accelerated or advanced students to explore additional clinical experiences outside the usual program scope. Emphasis will be placed on the neonatal/pediatric intensive care patient. Students will be required to attend and pass the NRP course.
 Corequisites: RESP 2210, RESP 2330.
 Prerequisites: Current CPR, membership in the AARC, RESP 1100, RESP 1111, RESP 1131, RESP 1132, RESP 1133, RESP 1134, RESP 1135, RESP 1136, RESP 1137, RESP 1138.
 Offered: B-term Fall Semester Sophomore Year.
- RESP 2330 Credential Preparation** (0-3-1)
 The course will focus on a review of essential concepts of Respiratory Care with emphasis on content examined by the NBRC entry level and advanced level examinations. Critical thinking skills will be reinforced through presentation and discussion of case studies. Surveys of clinical research literature and journal articles will be examined. Each student must take and successfully pass the NBRC Self Assessment Exam as a requirement for passing the course and for graduation from the program.
 Prerequisite: RESP 2201.
 Corequisite: RESP 2210.
 Offered: Fall Semester Sophomore Year.
- SCIE 1100 Science, Technology, & Society** (2-0-2)
 This is an interdisciplinary study of the role of science and technology in society and daily life. Emphasis will be placed upon current advances and political and social consequences.
 Prerequisites: READ 0099, ENGL 0989 or satisfactory English scores to place into corequisite remediation or higher.
 Offered: Fall, Spring.
- SCIE 2000K Principles of Research Methodology** (1-2-2)
 This course is designed to teach students studying in science the basic principles of performing a scientific research project. Each student will identify a problem, perform a literature search, design and perform an experiment, analyze data and present the results.
 Prerequisites: BIOL 1108K, CHEM 1212K, PHYS 1112K or consent of Division Dean.
 Offered: Spring, by demand.