

# RESPIRATORY THERAPY (RSPT)

## RSPT 50 Polysomnography I (4.0 Units)

Topics include sleep terminology, sleep structure and disorders, complete polysomnography patient set-up and data acquisition. Students will also learn the basics of noninvasive treatments for certain sleep disorders.

Lecture Hours: 54.0; Lab Hours: 54.0

Transfer: Not transferable

## RSPT 138 Work Experience Education Respiratory Therapy (1-8 Units)

Work Experience Education is a key element of Victor Valley College's comprehensive approach to career development. Work Experience Education is a 16-, 12-, or 8-week course that enables students to receive college credit for paid or unpaid work opportunities. This course helps students gain valuable on-the-job work experience while providing practical education, best practices in professional development, and academic guidance through the course of their work opportunity.

The combination of practical experience and curricular development empowers students to be more competitive, efficient and valuable employees upon completion of this program and/or their academic program trajectory. The course is ideal for students who are cross-training at their current worksite for upward mobility or seeking career changes, as well as those looking for entry-level occupational training through work-based learning experiences such as through an internship.

Work Experience Education transforms community businesses, industries, and public agencies into expanded educational training laboratories. Credit is awarded on the basis of learning objectives completed and the number of hours the student trains. Students must create/complete new learning objectives each semester they enroll.

Students may utilize their present work sites. More details are available in the Work Experience Education Office, (760) 245-4271, ext. 2281. The office, located in the Academic Commons, is open Monday-Thursday, 8:00 a.m.-1:00 p.m., 2:00-6:00 p.m., and by appointment. Please refer to the Work Experience Education section in this catalog for more information.

CSU

Transfer: Transfers to CSU only

## RSPT 221 Basic Cardiopulmonary Clinical Practicum (3.0 Units)

Clinic-based practicum in which students perform a variety of cardiopulmonary assessments and therapies appropriate to their level in the respiratory therapy and echocardiography courses. Students present case studies based on patient-information gathering that include history and physical, review of systems, rationale for diagnostics and treatment, vital signs, medical history, questionnaire, scores, treatments, and study data.

Prerequisite(s): RSPT 231, Minimum grade C

Lab Hours: 162.0

Transfer: Not transferable

## RSPT 222 Advance Cardiopulmonary Clinical Practicum and Case Studies (3.0 Units)

Critical care clinic-based practicum in which students perform a variety of cardiopulmonary assessments and therapies. Students present case studies based on critical care patient-information gathering that include history and physical, review of systems, rationale for diagnostics and treatment, vital signs, medical history, questionnaire, scores, treatments, and study data.

Prerequisite(s): RSPT 233, Minimum grade C

Lab Hours: 162.0

Transfer: Not transferable

## RSPT 230 Introduction to Respiratory Therapy (3.0 Units)

Course introduces the student to respiratory therapy as a health science profession including history, professional requirements, responsibilities, professional organizations, and credentialing of the respiratory care practitioner. Provides basic anatomy and physiology, physics and math, and basic cardiopulmonary pathology to provide the student a foundation of theory and application. Offered summer. Prerequisites: Acceptance into the Respiratory Therapy Program. CSU

Lecture Hours: 54.0

Transfer: Transfers to CSU only

## RSPT 231 Basic Fundamentals of Respiratory Therapy (10.0 Units)

This course introduces respiratory therapy students to basic physical assessment, infection control, clinical applications of basic therapeutic and diagnostic modalities, chart review and documentation. Students are provided with an extensive orientation to the hospital environment and administration of basic respiratory therapy to clients. CSU

Prerequisite(s): RSPT 230, Minimum grade C

Lecture Hours: 72.0; Lab Hours: 324.0

Transfer: Transfers to CSU only

## RSPT 232 Patient Assessment & Clinical Application of Respiratory Therapy (10.0 Units)

This course expands the theory and application of respiratory therapy introduced in RSPT 230 and 231. Course content includes advanced cardiac life support and airway management, advanced assessment of cardiopulmonary pathology, cardiopulmonary rehabilitation, home care, transport, patient education, medical ethics. Content also includes thorough discussion of labs, imaging, ECG, and pharmacology. The student will spend 24 hours per week in the hospital administering respiratory modalities. Offered Spring semester. CSU

Prerequisite(s): RSPT 231, Minimum grade C

Lecture Hours: 72.0; Lab Hours: 324.0

Transfer: Transfers to CSU only

## RSPT 233 Intensive Respiratory Therapy Care (13.0 Units)

This course expands the theory and application of respiratory therapy introduced in RSPT 232. Content includes advanced modalities such as mechanical ventilation, systemic assessment of the intensive care patient, advanced cardiopulmonary physiology and pathology. CSU

Prerequisite(s): (RSPT 239;) and (BIOL 211 or BIOL 231 Minimum grade C)

Lecture Hours: 72.0; Lab Hours: 486.0

Transfer: Transfers to CSU only

## RSPT 234 Neonatal/Pediatric Respiratory Therapy Care and Related Pathophysiology (13.0 Units)

This course is an advanced study of the theory and application of neonatal and pediatric respiratory care. The content will include: mechanical ventilatory support, advanced cardiopulmonary pathophysiology, equipment used in NICU and PICU, umbilical line and capillary blood sampling and analysis, endotracheal intubation, and principles of PALS and NRP. CSU

Prerequisite(s): (RSPT 233) and (BIOL 221, Minimum grade C)

Lecture Hours: 72.0; Lab Hours: 486.0

Transfer: Transfers to CSU only

## RSPT 239 Introduction to Mechanical Ventilation Support (2.0 Units)

This course introduces the principals of mechanical ventilation, allows hands-on experience with current ventilators, and reinforces therapeutic care. CSU

Prerequisite(s): RSPT 232, Minimum grade C

Lecture Hours: 18.0; Lab Hours: 54.0

Transfer: Not transferable

**RSPT 243 Clinical Simulation (1.0 Units)**

This course will prepare individuals for the National Board of Respiratory Care's (NBRC) Therapist Multiple-Choice Examination (TMC) and Clinical Simulation examinations. Those already certified (Certified Respiratory Therapist) and designated registry eligible by the NBRC will be able to review, evaluate, and improve their clinical assessment, decision making, and test taking skills. CSU

Prerequisite(s): RSPT 233, Minimum grade C or CRT/RCP credentials with "registry eligibility" as designated by the NBRC/RCB.

Lecture Hours: 18.0

Transfer: Transfers to CSU only