

RESPIRATORY THERAPY (RTH)

RTH 102 Integrated Sciences for Respiratory Care II (3 CR.)

Integrates the concepts of mathematics, chemistry, physics, microbiology, and computer technology as these sciences apply to the practices of respiratory care. Lecture 3 hours per week. (Open enrollment) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 111 A&P of The Cardiopulmonary System (3 CR.)

*Concentrates on anatomy and physiology of the cardiopulmonary system. Lecture 3 hours per week. (Restricted Enrollment) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 120 Fundamental Theory for Respiratory Care (2 CR.)

Presents the theory of basic patient assessment and functional medical terminology. Lecture - 2 hours per week. Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 121 Cardiopulmonary Science I (3 CR.)

*Focuses on assessment, treatment, and evaluation of patients with cardiopulmonary disease. Explores cardiopulmonary, renal, and neuromuscular physiology, and pathophysiology. Lecture 3 hours per week. (Restricted Enrollment) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 131 Respiratory Care Theory And Proc I (4 CR.)

*Presents theory of equipment and procedures used for patients requiring general and critical cardiopulmonary care. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week. (Restricted Enrollment) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 135 Diagnostic And Therapeutic Procedure (2 CR.)

*Focuses on purpose, use and evaluation of equipment, and procedures used in the diagnosis and therapeutic management of patients with cardiopulmonary disease. Lecture 1 hour per week. Laboratory 3 hours per week. Total 4 hours per week. (Restricted Enrollment) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 145 Pharmacology For Respiratory Care I (1 CR.)

Presents selection criteria for the use of, and detailed information on pharmacologic agents used in pulmonary care. Lecture - 1 hour per week. Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 151 Fundamental Clinical Procedures I (3 CR.)

Offers clinical instruction in basic patient care practices. Lecture 2 hours. Laboratory 3-6 hours. Total 5-8 hours per week. Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 196 On-Site Training In: (3 CR.)

(Restricted Enrollment) Career orientation and training program without pay in selected businesses and industry, supervised and coordinated by the College. Credit/work ratio not to exceed 1:5 hours. May be repeated for credit. Variable hours.

Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 199 Supervised Study (1-5 CR.)

Supervised Study

RTH 215 Pulmonary Rehabilitation (1 CR.)

Focuses on purpose and implementation of comprehensive pulmonary rehabilitation program. Lecture 1 hour per week. Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 222 Cardiopulmonary Science II (3 CR.)

*Focuses on assessment, treatment, and evaluation of patients with cardiopulmonary disease. Explores cardiopulmonary, renal, and neuromuscular physiology, and pathophysiology. Lecture 3 hours per week. (Restricted Enrollment) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 223 Cardiopulmonary Science III (2 CR.)

Continues the exploration of topics discussed in RTH 121 and 222. Lecture 2 hours per week.

RTH 225 Neonatal And Pediatric Respiratory p (3 CR.)

Prerequisite is RTH 222 or permission of the assistant dean. Focuses on the cardiopulmonary, physiology, pathology, and application of therapeutic procedures in the management of the newborn and pediatric patient. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week. (Restricted Enrollment)(Only placement in Plan is hard-coded) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 227 Integrated Resp. Therapy Skills II (2 CR.)

*Presents intensive correlation of all major respiratory therapy subject areas reflecting the entry-level and advanced practitioner matrices. Emphasizes assessment, implementation, and modification of therapy to patient response. Lecture 2 hours per week. (Restricted Enrollment) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 236 Critical Care Monitoring (3 CR.)

*Prerequisite is completion of all first and second semester required courses or permission of the program head. Focuses on techniques and theory necessary for the evaluation and treatment of the critical care patient. Explores physiologic effects of advanced mechanical ventilation. Lecture 2 hours per week. Laboratory 3 hours. Total 5 hours per week. (Restricted Enrollment) Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 245 Pharmacology For Respiratory Care II (2 CR.)

Concentrates on pharmacologic agents used in the management of the critically ill patient. Lecture 2 hours per week.

Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 290 Coordinated Internship: (1-5 CR.)

Supervised on-the-job training in selected business, industrial, or service firms coordinated by the college. Credit/work ratio maximum 1:5 hours. May be repeated for credit. Variable hours.

Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.

RTH 296 On-Site Training In: (1-5 CR.)

*On-Site Training In: (Restricted Enrollment)

Credit for Prior Learning available for this course. More information at <https://www.nvcc.edu/admissions/cpl.html>.