

RESPIRATORY THERAPY (RSPT)

RSPT 50A • RESPIRATORY THERAPY PROCEDURES

Units: 4.5
Hours: 3 lecture, 5 laboratory per week (96 total per quarter)
Advisory: Demonstrated proficiency in English by placement via multiple measures OR through an equivalent placement process OR completion of ESLL 125 & ESLL 249.

Degree and Credit Degree-Applicable Credit Course

Status:

Foothill GE: Non-GE

Transferable: CSU

Grade Type: Letter Grade Only

Repeatability: Not Repeatable

Basic hospital and respiratory therapy procedures. Vital signs, compressed gas equipment, oxygen therapy, medical asepsis, bedside pulmonary function testing, disaster and emergency procedures, back safety. Intended for students in the Respiratory Therapy program; enrollment is limited to students accepted in the program.

RSPT 50B • INTRODUCTION TO PATIENT CARE PROCEDURES

Units: 5
Hours: 3 lecture, 6 laboratory per week (108 total per quarter)
Prerequisite: RSPT 50A.

Degree and Credit Degree-Applicable Credit Course

Status:

Foothill GE: Non-GE

Transferable: CSU

Grade Type: Letter Grade Only

Repeatability: Not Repeatable

Introduction to patient care procedures. Includes suctioning, artificial airways, tracheostomy, bronchoscopy, administration of hyperinflation therapy, airway pharmacology, bronchial hygiene therapy, aerosol drug therapy, non-invasive ventilation, basic and advanced airway care, and nutrition assessment. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 50C • THERAPEUTICS & INTRODUCTION TO MECHANICAL VENTILATION

Units: 4
Hours: 3 lecture, 3 laboratory per week (72 total per quarter)
Prerequisite: RSPT 50B.
Degree and Credit Degree-Applicable Credit Course
Status:
Foothill GE: Non-GE
Transferable: CSU
Grade Type: Letter Grade Only
Repeatability: Not Repeatable

Topics to be covered include respiratory failure, introduction to invasive and non-invasive mechanical ventilation. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 51A • INTRODUCTION TO RESPIRATORY ANATOMY & PHYSIOLOGY

Units: 2
Hours: 2 lecture per week (24 total per quarter)
Prerequisite: BIOL 40A, 40B and 40C; medical terminology course of 2 semester units or greater.

Degree and Credit Degree-Applicable Credit Course

Status:

Foothill GE: Non-GE

Transferable: CSU

Grade Type: Letter Grade Only

Repeatability: Not Repeatable

Anatomy of the respiratory system, ventilation, diffusion of pulmonary gases, circulatory system, and oxygen transport. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 51B • RESPIRATORY PHYSIOLOGY

Units: 3
Hours: 3 lecture per week (36 total per quarter)
Prerequisite: RSPT 51A or equivalent.
Degree and Credit Degree-Applicable Credit Course
Status:
Foothill GE: Non-GE
Transferable: CSU
Grade Type: Letter Grade Only
Repeatability: Not Repeatable

Respiratory physiology, including normal and altered lung physiology. Ventilation-perfusion relationships. Control of ventilation, renal, aging, exercise, altitude, and high pressure effects on physiology. Arterial blood gas interpretation and acid-base physiology. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 51C • PATIENT ASSESSMENT & PULMONARY DISEASE

Units:	4
Hours:	4 lecture, 1.25 laboratory per week (63 total per quarter) Laboratory meets 5 times per quarter (3 hours per laboratory meeting).
Prerequisite:	BIOL 41.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Physiological approach to the etiology, management, and prognosis of the various respiratory diseases. Utilization of physical examination, chest X-ray, and basic clinical laboratory tests in the diagnosis and treatment of pulmonary disease. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 52 • APPLIED SCIENCE FOR RESPIRATORY THERAPY

Units:	3
Hours:	3 lecture per week (36 total per quarter)
Prerequisite:	CHEM 25, 30A or equivalent.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Basic mathematics and science principles applicable to Respiratory Therapy. Includes algebra review, metric system, behavior of matter, forces, and acids and bases. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 53A • INTRODUCTION TO RESPIRATORY THERAPY PHARMACOLOGY

Units:	2
Hours:	2 lecture per week (24 total per quarter)
Prerequisite:	RSPT 50A.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

An in-depth study of drug groups commonly used in the treatment of respiratory diseases. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 53B • ADVANCED RESPIRATORY THERAPY PHARMACOLOGY

Units:	2
Hours:	2 lecture per week (24 total per quarter)
Prerequisite:	RSPT 53A.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

An in-depth study of drug groups commonly encountered in intensive respiratory care. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 54 • ORIENTATION TO RESPIRATORY CARE

Units:	2
Hours:	2 lecture per week (24 total per quarter)
Corequisite:	RSPT 50A.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Orientation to the Respiratory Therapy Program and health care. Current issues in American medical care, professionalism, death, dying and loss, communication skills, cultural diversity, HIPAA, ethics, legal issues, and patient's rights. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 55A • MEDIATED STUDIES IN RESPIRATORY THERAPY I

Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Corequisite:	RSPT 50A.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

First of seven courses paralleling content taught in courses in the Respiratory Therapy Program. Designed to develop and reinforce concepts taught in the concurrent lecture and laboratory sessions of the program, with a focus on hand hygiene, PPE, oxygen equipment, communication, electronic health records, patient history, teamwork, time management, patient positioning, and ethics. Media materials, simulations, and videos will provide alternative learning resources to accommodate diverse learning styles. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 55B • MEDIATED STUDIES IN RESPIRATORY THERAPY II

Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Prerequisite:	RSPT 55A.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Second of seven courses paralleling content taught in courses in the Respiratory Therapy Program. Designed to develop and reinforce concepts taught in the concurrent lecture and laboratory sessions of the program, with a focus on basic life support skills, patient vital signs assessments, aerosol medication delivery, arterial blood gas procedures, and airway procedures. Media materials, simulations, and videos will provide alternative learning resources to accommodate diverse learning styles. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 55C • MEDIATED STUDIES IN RESPIRATORY THERAPY III

Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Prerequisite:	RSPT 55B.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Third of seven courses paralleling content taught in courses in the Respiratory Therapy Program. Designed to develop and reinforce concepts taught in the concurrent lecture and laboratory sessions of the program, with a focus on patient assessment procedures, ventilation, and data interpretation. Media materials, simulations, and videos will provide alternative learning resources to accommodate diverse learning styles. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 55D • MEDIATED STUDIES IN RESPIRATORY THERAPY IV

Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Prerequisite:	RSPT 55C.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Fourth of seven courses paralleling content taught in courses in the Respiratory Therapy Program. Designed to develop and reinforce concepts taught in the concurrent lecture and laboratory sessions of the program, with a focus on modes of ventilation, waveform recognition, clinical application, lung recruitment techniques, and adjunct therapies for ventilated patients. Media materials, simulations, and videos will provide alternative learning resources to accommodate diverse learning styles. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 55E • MEDIATED STUDIES IN RESPIRATORY THERAPY V

Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Prerequisite:	RSPT 55D.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Fifth of seven courses paralleling content taught in courses in the Respiratory Therapy Program. Designed to develop and reinforce concepts taught in the concurrent lecture and laboratory sessions of the program, with a focus on neonatal diseases, ECG, and hemodynamic monitoring. Media materials, simulations, and videos will provide alternative learning resources to accommodate diverse learning styles. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 55F • MEDIATED STUDIES IN RESPIRATORY THERAPY VI

Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Prerequisite:	RSPT 55E.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Sixth of seven courses paralleling content taught in courses in the Respiratory Therapy Program. Designed to develop and reinforce concepts taught in the concurrent lecture and laboratory sessions of the program, with a focus on COPD/mechanical ventilation, head injuries, acute congestive heart failure, near drowning, neonatal respiratory distress syndrome, hypothermia with cardiac arrest, COPD/home care, and pulmonary rehabilitation. Media materials, simulations, and videos will provide alternative learning resources to accommodate diverse learning styles. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 55G • MEDIATED STUDIES IN RESPIRATORY THERAPY VII

Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Prerequisite:	RSPT 55F.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Last in the series of seven courses paralleling content taught in the Respiratory Therapy Program. Designed to develop and reinforce concepts taught in the concurrent lecture and laboratory sessions of the program, with a focus on advanced PFT and basic spirometry. Students will also take practice exams of the national entry-level and registry examinations. Media materials, simulations, and videos will provide alternative learning resources to accommodate diverse learning styles. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 56 • ORIENTATION TO HOSPITAL & PATIENT CARE I

Units:	1
Hours:	3 laboratory per week (36 total per quarter) This is a clinical laboratory course.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

A comprehensive introduction to the hospital environment and the fundamentals of patient care. Students will learn to perform a wide variety of respiratory care procedures. Through direct patient interactions and hands-on practice, students will develop critical thinking skills and clinical reasoning skills. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 57 • ORIENTATION TO HOSPITAL & PATIENT CARE II

Units: 2
Hours: 72 laboratory per quarter (72 total per quarter)
 This is a clinical laboratory course.

Degree and Credit Status: Degree-Applicable Credit Course

Foothill GE: Non-GE
Transferable: CSU
Grade Type: Letter Grade Only
Repeatability: Not Repeatable

A comprehensive introduction to the application and practice of respiratory therapy skills in the clinical setting, including, but not limited to, floor care modalities, patient assessments, and non-invasive ventilation. Through direct patient interactions and hands-on practice, students will develop critical thinking skills and clinical reasoning skills. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 60C • PULMONARY DIAGNOSTICS

Units: 3
Hours: 2.5 lecture, 2 laboratory per week (54 total per quarter)
Prerequisite: RSPT 51C.

Degree and Credit Status: Degree-Applicable Credit Course

Foothill GE: Non-GE
Transferable: CSU
Grade Type: Letter Grade Only
Repeatability: Not Repeatable

Selection, performance, and interpretation of tests used to diagnose cardiopulmonary abnormalities. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted into the program.

RSPT 61A • ADULT MECHANICAL VENTILATION

Units: 4
Hours: 3 lecture, 3 laboratory per week (72 total per quarter)
Prerequisite: RSPT 50C and 51C.

Degree and Credit Status: Degree-Applicable Credit Course

Foothill GE: Non-GE
Transferable: CSU
Grade Type: Letter Grade Only
Repeatability: Not Repeatable

Develops and enhances the concepts and skills essential to meet the needs of patients placed on invasive and non-invasive ventilation. Overview of modes of ventilation, humidification, and medication delivery. Includes laboratory exercises of commonly used ventilators and patient-ventilator simulations. New ventilators and state-of-the-art theories on ventilation are presented based upon current research. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 61B • NEONATAL RESPIRATORY CARE

Units: 3
Hours: 2 lecture, 3 laboratory per week (60 total per quarter)
Prerequisite: RSPT 61A.

Degree and Credit Status: Degree-Applicable Credit Course

Foothill GE: Non-GE
Transferable: CSU
Grade Type: Letter Grade Only
Repeatability: Not Repeatable

In depth look at neonatal respiratory care. Examination and assessment of the neonate. Neonatal respiratory diseases and disorders including treatment and management. Preparation for the Neonatal Resuscitation Program certification. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 61C • HOME & REHABILITATIVE RESPIRATORY CARE

Units: 2
Hours: 2 lecture per week (24 total per quarter)

Degree and Credit Status: Degree-Applicable Credit Course

Foothill GE: Non-GE
Transferable: CSU
Grade Type: Letter Grade Only
Repeatability: Not Repeatable

Introduction to rehabilitative respiratory care. Discussion of respiratory therapy procedures and equipment used in the treatment of home care patients. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 61D • PEDIATRIC RESPIRATORY CARE

Units:	2
Hours:	2 lecture per week (24 total per quarter)
Prerequisite:	RSPT 61B.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

In-depth look at pediatric respiratory care. Examination and assessment of the pediatric patient. Pediatric respiratory diseases and disorders including treatment and management. Preparation for the Pediatric Advanced Life Support certification. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 62 • MANAGEMENT, RESUME & NATIONAL BOARD EXAMINATION

Units:	1
Hours:	1 lecture per week (12 total per quarter)
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

This course provides an overview of leadership and management styles and effective communication skills in the workplace. Current healthcare economics, employment outlook, and interviewing skills are also covered. Preparation for the National Board for Respiratory Care Examination, including content outlines, self-evaluation, the application process, and mock examinations. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 63A • ADVANCED PATHOPHYSIOLOGY & PATIENT MANAGEMENT

Units:	3
Hours:	3 lecture per week (36 total per quarter)
Prerequisite:	RSPT 51C.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

The assessment and treatment of patients with cardiopulmonary disease. Structured to help build higher order critical thinking and problem solving skills. Through the use of case studies and clinical simulations students will place emphasis on information gathering and decision making for respiratory care patients. Helpful for NBRC Clinical Simulation Examination preparation. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 65 • COMPUTER PATIENT SIMULATIONS

Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Information gathering and decision making in the management of patients with acute and chronic respiratory conditions. Intended for students in the Respiratory Therapy program; enrollment is limited to students accepted in the program.

RSPT 70A • CLINICAL ROTATION I

Units:	2
Hours:	72 laboratory per quarter (72 total per quarter) This is a clinical laboratory course.
Prerequisite:	RSPT 50C.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Introduction to various hospital departments, focusing on the practical implementation of respiratory therapy techniques. Students will learn to analyze fundamental diagnostic information and its relevance to treatment strategies in the clinical setting. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 70B • CLINICAL ROTATION II

Units:	8
Hours:	288 laboratory per quarter (288 total per quarter) This is a clinical laboratory course.
Prerequisite:	RSPT 61A and 70A.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

This course is the second in the series of hospital rotations, focusing on advanced respiratory therapy practices within a clinical environment. Building upon skills acquired in RSPT 70A, students will analyze progressively larger sets of clinical data, linking them to treatment protocols and participating in cardiopulmonary resuscitations. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 70C • CLINICAL ROTATION III

Units:	8
Hours:	288 laboratory per quarter (288 total per quarter) This is a clinical laboratory course.
Prerequisite:	RSPT 70B.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

This course is the third in the series of hospital rotations, emphasizing the practical application of respiratory care theory in monitoring neonatal, pediatric, and adult intensive care unit patients. Students will further develop the skills gained in RSPT 70A and 70B. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 70D • CLINICAL ROTATION IV

Units:	8
Hours:	288 laboratory per quarter (288 total per quarter) This is a clinical laboratory course.
Prerequisite:	RSPT 70C.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

This course is the last in the series of hospital rotations. Building upon RSPT 70C, the course provides additional clinical exposure focusing on ventilation and specialized procedures in adult, neonatal, and pediatric intensive care settings. Qualified students may also participate in mini-rotations based on their interests. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

RSPT 85 • INTERVENTIONAL PULMONOLOGY THEORY & APPLICATION

Units:	5
Hours:	5 lecture per week (60 total per quarter)
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Provides the general principles of interventional pulmonology. Disease-specific application, including diagnostic and therapeutic interventions, techniques, and procedures, are introduced.

RSPT 86 • INTERVENTIONAL PULMONOLOGY PROCEDURES

Units:	5
Hours:	5 lecture per week (60 total per quarter)
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Basic and advanced interventional pulmonology procedures. Procedures covered include bronchoscopy, thoracoscopy, endoscopy, airway access procedures, and novel techniques.

RSPT 87 • INTERVENTIONAL PULMONOLOGY CLINICAL PRACTICUM

Units:	1
Hours:	3 laboratory per week (36 total per quarter) This is a clinical laboratory course.
Advisory:	Not open to students with credit in RSPT 87A or 87B.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable
Formerly:	RSPT 87A, 87B

Clinical application of basic interventional pulmonology procedures. Interpretation of basic diagnostic data and correlation to applied therapies. Procedures include bronchoscopy for diagnostic and therapeutic interventions, such as alveolar lavage.

RSPT 88 • INTERVENTIONAL PULMONOLOGY RESEARCH PROJECT

Units:	1
Hours:	1 lecture per week (12 total per quarter)
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Research project on a specialized area of interventional pulmonology. Specific topics to be determined by the instructor.

RSPT 200L • INTRODUCTION TO RESPIRATORY THERAPY

Units:	1
Hours:	1 lecture, 1 laboratory per week (24 total per quarter)
Advisory:	Students are not required to have been admitted to the Respiratory Therapy Program.
Degree and Credit Status:	Non-Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Introduction to the career of respiratory therapy. Role of the respiratory therapist, areas of specialization in the field, educational requirements, and future outlook. Clinical tasks and skills are also introduced.

RSPT 300 • LEADERSHIP & MANAGEMENT IN HEALTHCARE

Units:	5
Hours:	5 lecture per week (60 total per quarter)
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

This course introduces students to various methods and styles of leadership and management in the healthcare setting. Critical analysis of leadership and management theory will be explored and put into practice. Emphasis on the development of skills in leadership and management, such as communication, conflict resolution, team building, interprofessional collaboration, ethical decision-making, and interpersonal skills. Intended for students in the Respiratory Care Baccalaureate Degree Program; enrollment is limited to students accepted in the program.

RSPT 304 • CLINICAL SPECIALIST & CHRONIC DISEASE MANAGEMENT

Units:	5
Hours:	5 lecture per week (60 total per quarter)
Degree and Credit	Degree-Applicable Credit Course
Status:	
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Respiratory Care departments utilize clinical specialists to assist departments with training, policy development, and research, as well as perform other functions. The role of the Clinical Specialist may involve chronic disease management, serving as a liaison between patients and other members of the care team, pulmonary rehab, and asthma education. Respiratory Therapists can acquire credentialing in the areas of Neonatal Pediatric Specialty (NPS), Asthma Educator (AE-C), and Adult Critical Care Specialty (ACCS). Clinical Specialists may also be utilized in other areas, such as sleep medicine, pulmonary function, pulmonary rehab, home care, and interventional pulmonology. Intended for students in the Respiratory Care Baccalaureate Degree Program; enrollment is limited to students accepted in the program.

RSPT 305 • RESPIRATORY CARE CAPSTONE RESEARCH PROJECT

Units:	5
Hours:	5 lecture per week (60 total per quarter)
Degree and Credit	Degree-Applicable Credit Course
Status:	
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Respiratory care capstone course with a focus on an area related to case management, clinical specialty, pulmonary diagnostics, interventional pulmonology, and/or research. Students work with faculty to choose, develop, and complete a project in the chosen area of interest. Intended for students in the Respiratory Care Baccalaureate Degree Program; enrollment is limited to students accepted in the program.

RSPT 306 • ADVANCED PULMONARY DIAGNOSTICS

Units:	5
Hours:	5 lecture per week (60 total per quarter)
Degree and Credit	Degree-Applicable Credit Course
Status:	
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Advanced study of tests and procedures used to diagnose cardiopulmonary abnormalities and disease. Emphasis will be placed on the evaluation and interpretation of results. Intended for students in the Respiratory Care Baccalaureate Degree Program; enrollment is limited to students accepted in the program.

RSPT 307 • INTERVENTIONAL PULMONOLOGY THEORY & APPLICATION

Units:	5
Hours:	5 lecture per week (60 total per quarter)
Degree and Credit	Degree-Applicable Credit Course
Status:	
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Provides the general principles of interventional pulmonology. Disease-specific application, including diagnostic and therapeutic interventions, techniques and procedures, will be introduced. Intended for students in the Respiratory Care Baccalaureate Degree Program; enrollment is limited to students accepted in the program.

RSPT 308 • INTERVENTIONAL PULMONOLOGY PROCEDURES

Units:	5
Hours:	5 lecture per week (60 total per quarter)
Degree and Credit	Degree-Applicable Credit Course
Status:	
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Basic and advanced interventional pulmonology procedures. Procedures to be covered will include bronchoscopy, thoracoscopy, endoscopy, airway access procedures, and novel techniques. Intended for students in the Respiratory Care Baccalaureate Degree Program; enrollment is limited to students accepted in the program.