

RESPIRATORY CARE

PROGRAM

- Associate of Science (A.S.)



**HARTNELL
COLLEGE**

DESCRIPTION

The Associate of Science in Respiratory Care prepares students to work as Registered Respiratory Therapists (RRTs) in acute and community-based settings such as hospitals, long term care facilities, home care, and clinics. RRTs help people of all ages with a variety of cardiopulmonary disorders. Responsibilities of a RRT include: Evaluating and interpreting clinical and laboratory data to recommend treatment, consulting with members of the healthcare team, educating patients and families, responding to emergencies, and managing patients on life support.

The four-semester course of study consists of classroom, high-fidelity simulation, skills laboratory, seminar, and clinical experiences. Students must travel to clinical sites throughout the program. Clinical experiences are completed in Monterey, Santa Clara, San Luis Obispo, and Santa Barbara counties. Upon successful completion of program requirements, graduates are eligible to take the National Board of Respiratory Care (NBRC) Registry Examination.

Program Outcomes: The Respiratory Care Program (RCP) at Hartnell College will provide skilled graduates to the healthcare community who have obtained their professional license (RCP) and credentials (RRT). The goal of the program is to prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Health Teacher
- Respiratory Care Practitioner/Therapist
- Respiratory Therapy Technician

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

www.ASSIST.org – CSU and UC Articulation Agreements and Major Search Engine

CSU System Information - <http://www2.calstate.edu>

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

<https://www.hartnell.edu/students/fa/net-price-calculator.html>

TRANSFER STUDENTS

Completing the AS degree does not meet all requirements for transfer. Students planning to transfer to a university should follow the requirements of the four-year university. Information on course equivalencies and major preparation requirements for the University of California (UC) and California State University (CSU) systems is available online at <http://www.assist.org>. Please consult with a Hartnell College counselor to review transfer requirements.

Students transferring from other RCP programs seeking placement into the second, third, or fourth semesters of the Associate Degree in RCP Program at Hartnell College should contact the Dean of Academic Affairs: Nursing and Allied Health (831.770.6146). The Dean and academic counselors evaluate all transfer student records for course work equivalency. Syllabi, course outlines, and catalogs may be requested for the evaluation.

ACCEPTANCE TO THE RESPIRATORY CARE PROGRAM

The Respiratory Care Program requires separate application and screening procedures that must be completed independently from regular admission. Because the RCP program is impacted, completion of program prerequisites does not guarantee admission. Information can be obtained from the website (<https://www.hartnell.edu/academics-affairs/academics/nah/index.html>), the Nursing and Allied Health Office (831.770.6146), or the Hartnell College Nursing and Allied Health Program academic counselor (831.755.6820).

Application forms for the Respiratory Care Program and informational materials are available on the Hartnell College Respiratory Care Program website (<https://www.hartnell.edu/academics-affairs/academics/nah/index.html>). Application forms are posted in December of each year for the following fall semester. Completed application forms and required documents must be submitted by the deadline date as stated on the application. Students are responsible for cost associated with uniforms, clinical and skills supplies, standardized tests and travel expenses to clinical sites, located in Monterey, Santa Clara, Santa Barbara and San Luis Obispo counties. Students accepted for entry into the RCP Program are required to attend the mandatory RCP Orientation Session. At the orientation, admission packets with health/drug screening and background check materials are distributed. Questions regarding these screenings should be directed to the Dean of Academic Affairs: Nursing and Allied Health.

Minimum Requirements for Admissions Eligibility:

1. Hartnell College enrollment or a Hartnell College Application for Admission on file in the Office of Admissions and Records
2. Completion of all prerequisite courses with a minimum of a "C" grade as documented on official transcripts. In-progress courses will not be accepted for admission GPA purposes. Science GPA Requirement: 2.5
3. Current American Heart Association Healthcare Provider Basic Life Support certification (required prior to entry into the program)

Success in the Respiratory Care Program is based on theoretical knowledge, RCP skills proficiency, clinical reasoning, professional behaviors, and their application in the clinical setting. Students must achieve at least "C" grades in all RCP major courses.

BACCALAUREATE PREPARATION: Students should consult with a counselor and appropriate college catalog for specific transfer requirements.

FOR MORE INFORMATION, CONTACT: Hartnell College Nursing and Allied Health Program: (831) 770-6146
Email: nah@hartnell.edu
Hartnell College Counselor: (831) 755-6820

RESPIRATORY CARE (AS.RCP)

ASSOCIATE OF SCIENCE

Program Goal: To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).

Program Outcomes: Upon successful completion of this program a student will be able to:

- comprehend, apply, and evaluate information necessary to practice as a respiratory care practitioner (cognitive) as evidenced by their ability to
 - evaluate data to assess the appropriateness of prescribed respiratory care
 - participate in the development and modification of respiratory care plans in a variety of settings
 - provide patient, family, and community education
- perform the skills competently as a respiratory care practitioner (psychomotor) as evidenced by their ability to
 - apply problem-solving strategies in the patient care setting
 - perform respiratory therapeutic and diagnostic procedures interventions in a timely manner consistent with patient safety and infection control standards.
- practice professional attitudes and behavior (affective) as evidenced by their ability to
 - demonstrate ethical and professional behaviors
 - demonstrate effective oral and written communication skills
 - interact effectively with other members of the healthcare team
 - communicate effectively in diverse groups while respecting beliefs and values of all persons

Required General Education Courses:

MUST BE COMPLETED PRIOR TO ACCEPTANCE INTO PROGRAM (24 units)

<input type="checkbox"/> BIO-5 – Human Anatomy	4.0
<input type="checkbox"/> BIO-6 – Introductory Physiology	3.0
<input type="checkbox"/> BIO-6L – Physiology Laboratory	2.0
<input type="checkbox"/> BIO-27 – Principles of Microbiology	4.0
<input type="checkbox"/> ENG-1A – College Composition and Reading	3.0
<input type="checkbox"/> MAT-123 – Intermediate Algebra	5.0
<input type="checkbox"/> PSY-2 – General Psychology	3.0

Required Major Courses (6.5 units)

<input type="checkbox"/> ANT-2 – Introduction to Cultural Anthropology	3.0
OR	
SOC-1 – Introduction to Sociology	3.0
<input type="checkbox"/> Ethnic Group Course _____ (see page 68)	
<input type="checkbox"/> COM-1 – Introduction of Public Speaking	3.0
OR	
COM-3 – Survey of Human Communication	3.0
<input type="checkbox"/> HES-120 ³ – American Heart Association Basic Life	0.5

¹ SOC-1 Introduction to Sociology is acceptable in lieu of ANT-2; however, a separate course is required to satisfy the Humanities general education requirement.

³ Or any American Heart Association Healthcare Provider Basic Life Support certification course.

CON'T OF RESPIRATORY CARE

Required Major Courses (After acceptance into the program) (44.5 units)

1st SEMESTER – 9.5 units

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|--------------------------|---|-----|
| <input type="checkbox"/> | RCP-110 – Foundations for Success | 1.5 |
| <input type="checkbox"/> | RCP-50 – Respiratory Care Practitioner Responsibilities | 1.5 |
| <input type="checkbox"/> | RCP-51 – Pharmacology and Medication Administration | 3.0 |
| <input type="checkbox"/> | RCP-52 – Cardiopulmonary Anatomy and Physiology | 2.0 |
| <input type="checkbox"/> | RCP-53 – Foundational Skills | 1.0 |
| <input type="checkbox"/> | RCP-54 – Supervised Practice: Foundations | 0.5 |

2nd SEMESTER – 12.5 units

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| <input type="checkbox"/> | RCP-60 – Diagnostic Studies and Respiratory Care | 3.0 |
| <input type="checkbox"/> | RCP-61 – Respiratory Therapeutics | 3.0 |
| <input type="checkbox"/> | RCP-62 – Cardiopulmonary Pathophysiology | 2.0 |
| <input type="checkbox"/> | RCP-63 – Beginning Clinical Experience | 4.0 |
| <input type="checkbox"/> | RCP-64 – Supervised Practice: Beginning | 0.5 |

3rd SEMESTER – 11.5 units

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| <input type="checkbox"/> | RCP-70 – Neonatal and Pediatric Respiratory Care | 2.0 |
| <input type="checkbox"/> | RCP-71 – Basic Mechanical Ventilation | 3.0 |
| <input type="checkbox"/> | RCP-72 – Neurological and Traumatic Conditions | 2.0 |
| <input type="checkbox"/> | RCP-73 – Intermediate Clinical Experience | 4.0 |
| <input type="checkbox"/> | RCP-74 – Supervised Practice: Intermediate | 0.5 |

4th SEMESTER – 11 units

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| <input type="checkbox"/> | RCP-80 – Advanced Life Support | 1.5 |
| <input type="checkbox"/> | RCP-81 – Advanced Mechanical Ventilation | 3.0 |
| <input type="checkbox"/> | RCP-82 – Clinical Reasoning Seminar | 2.0 |
| <input type="checkbox"/> | RCP-83 – Advanced Clinical Experiences | 4.0 |
| <input type="checkbox"/> | RCP-84 – Supervised Practice: Advanced | 0.5 |

Respiratory Care Success Courses: (recommended, not required)

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| <input type="checkbox"/> | RCP-225 – Success Strategies for 1 st Semester RCP Students | 0.5 |
| <input type="checkbox"/> | RCP-226 – Success Strategies for 2 nd Semester RCP Students | 0.5 |
| <input type="checkbox"/> | RCP-227 – Success Strategies for 3 rd Semester RCP Students | 0.5 |
| <input type="checkbox"/> | RCP-228 – Success Strategies for 4 th Semester RCP Students | 0.5 |

SUBTOTAL: 44.5 UNITS

TOTAL: 75 UNITS