

## RESPIRATORY THERAPY

Associate of Applied Science Degree

MEC

*Purpose:* The curriculum is designed to prepare students as effective members of the health care team in assisting with diagnosis, treatment, management, and preventive care of patients with cardiopulmonary problems. Upon successful completion of the program, students are eligible to take the Entry Level and Advanced Practitioner examinations leading to certification as a Certified Respiratory Therapist (CRT) and registration as a Registered Respiratory Therapist (RRT).

*Transfer Information:* Although transfer is not the primary purpose of an A.A.S. program, NVCC has articulation agreements that facilitate the transfer of this and other career-oriented programs to selected senior institutions. Students interested in transfer should contact a counselor or their faculty advisor early in their program.

**Students must comply with all General Admission Requirements for Allied Health Programs. (See page 127.)**

### *Additional Admission Requirements:*

1. Attendance at a Respiratory Therapy Information session.
2. Students must qualify for ENG 111 and MTH 151 through acceptable scores on NVCC placement tests.
3. Hold a high school diploma or GED.
4. Complete one unit of high school chemistry or college level chemistry (CHM 101 or higher) with a grade of C.
5. Complete ENG 111, NAS 161, HLT 141 with a C or better, and SDV 101 Orientation to Health Care or SDV elective.
6. Complete RTH 120 with a grade of "B" or better.

*Special Program Continuation Requirements:* If general education courses are not completed before acceptance into the Respiratory Therapy program, then they are to be taken in the corresponding semester as indicated in the curriculum plan. Students may not proceed to the next sequential respiratory therapy course without having completed the appropriate general education coursework.

*Continuation Requirement:* Students must comply with all Continuation Requirements for Allied Health and Respiratory Therapy students (see page 129).

### *Re-Enrollment:*

1. Students in good standing may be permitted to re-enroll in the RTH curriculum on a space available basis, with permission of the Assistant Dean.
2. Students who leave the program for any period up to two years for either personal or academic reasons are required to demonstrate proficiency in all previously enrolled skills courses prior to re-entering the program. "Practical exams" are administered and scheduled by the program faculty. A written exam will be required.
3. Students who leave the program for any period of time for medical reasons are required to submit evidence of good physical and mental health, as substantiated by a newly completed Pre-Admission Health History and Physical for Allied Health and Nursing form (NVCC 125-7) signed by the primary physician responsible for their care.

*Advanced Placement Admission:* Students seeking advanced placement, or transfer, including military respiratory technicians, or non-associate degree therapists should contact the assistant dean of the RTH program for individual counseling.

*Transfer Placement:* RTH Credits earned at other institutions are reviewed by the Assistant Dean to determine if the courses in question apply to the curriculum and/or if substitutions may be made within the curriculum.

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Students who transfer to NVCC with prior RTH courses are required to demonstrate proficiency in all transferred skills courses prior to acceptance into the program. "Practical exams" are administered and scheduled by the program faculty. A written exam is also required.

*Licensure Requirements:* The Virginia State Board of Medicine reserves the right to deny licensure to any candidate who has been convicted of a crime or any offense relating to the abuse of alcohol and/or use or sale of controlled substances in Virginia or any other state. Any applicant to the Respiratory Therapy program who has been found guilty of a misdemeanor or felony must consult with the Assistant Dean of Respiratory Therapy prior to acceptance into the program.

*Special Accreditation Status:* The program is accredited by the Commission on the Accreditation of Allied Health Education Programs (CAAHEP) in cooperation with the Committee on Accreditation for Respiratory Care (CoARC).

<b>Prerequisites:</b>		<b>Credits</b>
ENG	111 College Composition I	3
HLT	141 Medical Terminology	1
NAS	161 Health Science I	4
RTH	120 Fundamental Theory for Respiratory Care	2
<sup>1</sup> SDV	101 Orientation to Health Care	<u>1</u>
<b>Total Credits</b>		<b>11</b>

<b>Two Years</b>		<b>Credits</b>
<b>1st Semester</b>		
HLT	250 General Pharmacology	3
NAS	162 Health Science II	4
RTH	111 Anatomy & Physiology of the Cardiopulmonary System	3
RTH	195 Topics in Integrated Sciences for Respiratory Therapy	2
RTH	151 Fundamental Clinical Procedures	<u>3</u>
<b>Total</b>		<b>15</b>

<b>2nd Semester</b>		
RTH	121 Cardiopulmonary Science I	3
RTH	131 Respiratory Care Theory & Procedures I	4
RTH	145 Pharmacology for Respiratory Care I	1
RTH	196 On-Site Training in Respiratory Care I	3
<sup>1</sup> SPD	229 Intercultural Communication or SPD 110 or SPD 115 or SPD 126	<u>3</u>
<b>Total</b>		<b>14</b>

<b>3rd Semester</b>		
HIS	101 History of Western Civilization I or HIS 111 or HIS 261	3
RTH	135 Diagnostic & Therapeutic Procedures	2
RTH	296 On-Site Training in Respiratory Care II	<u>2</u>
<b>Total</b>		<b>7</b>

<b>4th Semester</b>		
RTH	217 Pulmonary Rehabilitation, Home Care and Health Promo	2
RTH	222 Cardiopulmonary Science II	3
RTH	225 Neonatal & Pediatric Respiratory Procedures	3
RTH	253 Advanced Clinical Procedures III	3
RTH	295 Topics in Advanced Cardiac Life Support	<u>2</u>
<b>Total</b>		<b>13</b>

<b>5th Semester</b>		
PED	116 Lifetime Fitness & Wellness	1
RTH	227 Integrated Respiratory Therapy Skills II	2
RTH	236 Critical Care Monitoring	3
RTH	254 Advanced Clinical Procedures IV	3
<sup>2</sup> ____	Social Science Elective	<u>3</u>

**Total credits for the A.A.S. Degree in Respiratory Therapy = 72** (includes 11 prerequisite credits).

<sup>1</sup> SPD 229 Intercultural Communication is recommended.

<sup>2</sup> The social science elective may be selected from the economics, geography, history, political science, psychology, or sociology (includes anthropology) courses listed on page 54. PSY 205 or SOC 207, 245, or 247 are recommended.