

Associate Degree Respiratory Therapy Curriculum

The Respiratory Therapy Program prepares students for a career in and integral part of a health care team. Respiratory Therapists (RTs) care for a wide variety of patients experiencing cardiopulmonary disorders. Example responsibilities include: patient assessment, care plans, diagnostic testing, and pulmonary treatments. Most Respiratory Therapists are employed in hospitals, although increasingly, there are career opportunities in nursing homes, private homes, with medical equipment supply companies, in-home health agencies, and in physicians' offices. Many students go on to pursue bachelor's degrees in Emergency Medical Care or in other related health fields.

For specific enrollment criteria, refer to the Respiratory Therapy webpage at:
http://www.vvc.edu/academic/respiratory_therapy

All courses, including prerequisites, must be completed with a "C" or better ("C-" is not acceptable). CLEP is not accepted.

General Education and Competencies			
* Select <u>VVC GE</u> pattern plus Kinesiology and American Institutions competencies, OR			
* Select the <u>CAL-GETC</u> pattern (and no competencies are required)			
AREA 1A: English Composition	C	IP	N
ENGL C1000/H/E (formerly ENGL 101) ENGLISH COMPOSITION AND READING (4)			
AREA 1B: Communication Choose one:	C	IP	N
CMST 106 INTERPERSONAL COMMUNICATION (3) CMST 107 FAMILY COMMUNICATION (3) CMST 108 GROUP DISCUSSION (3) COMM C1000 (formerly CMST 109) PUBLIC SPEAKING (3)			
AREA 2: Mathematics Choose one:	C	IP	N
MATH 103 COLLEGE ALGEBRA FOR ALLIED HEALTH (4) MATH 104 TRIGONOMETRY (4) MATH 105/105H COLLEGE ALGEBRA (4) MATH 109 PREPARATION FOR CALCULUS (4) MATH 132 THE IDEAS OF MATH (3) MATH 226/226H ANALYTIC GEOMETRY & CALCULUS I (4) MATH 227/227H ANALYTIC GEOMETRY & CALCULUS II (4) MATH 228/228H ANALYTIC GEOMETRY & CALCULUS III (5) MATH 231 LINEAR ALGEBRA (3) MATH 270 DIFFERENTIAL EQUATIONS (3) PSYC 215 STATS FOR BEHAV. SCI. (3) STAT C1000 (formerly MATH 120) INTRO TO STATS. (4)			
AREA 3: Humanities Choose one:	C	IP	N
ANTH 106; ART 104, 105, 106, 107, 108, 109, 110, 112, 113, 114, 120, 122, 125, 150; ARTH C1100, C1200; CART 133; CMST 105 (Intercultural); ENGL C1002, C1002H, 109, 116*, 220, 225, 230, 231, 232, 233, 234, 235, 240, 241, 245, 246, 247; HIST 102, 103, 104, 115, C1001, C1001H, C1002, C1002H, 130, 131, 153, 155, 157; KIN 103; MUSC 100, 101, 102, 103, 116, 117, 118, 202; PHIL 101, 108, 114*, 117*, 120, 121; POLS 114*; RLST 101, 105, 106, 110, 111, 115, 117*; TA 101, 102, 104, 107, 110, 116* Languages: ASL 122, 123, 124, 125; FREN 101, 102; SPAN 101, 101A, 101B, 102, 103, 104, 110, 111			
AREA 4: Social & Behavior Sciences	C	IP	N
PSYC C1000 (formerly PSYC 101) INTRODUCTORY PSYCHOLOGY (3)			
AREA 5: Natural Sciences Prerequisites for Human Anatomy, Physiology, and Microbiology at VVC			
BIOL 107 INTRODUCTION TO HUMAN BIOLOGY (4) or BIOL 201 BIOLOGY OF CELLS (5) AND CHEM 100 INTRO CHEMISTRY (4) or CHEM 201 GENERAL CHEMISTRY (5)			
AREA 6: Ethnic Studies Choose one:			
ETH 101 INTRO TO CHICAN/O STUDIES (3) ETH 102 INTRO AFRICAN AMERICAN STUDIES (3)			

American Institutions: Choose one: *HIST 115, C1001, C1002, 153, and 155 can be used to meet AREA 3	C	IP	N
*HIST 115 HIS. OF CALIFORNIA (3) *HIST C1001/C1001H HIS. OF THE U.S. TO 1876 (3) *HIST C1002/C1002H HIS. OF THE U.S. FROM 1876 (3) HIST 153 AFRICAN AMERICAN HISTORY (3) HIST 155 WOMEN IN U.S. HISTORY (3) POLS C1000 (formerly POLS 102) INTRO TO U.S. GOVT & POLITICS (3) POLS 103 STATE AND LOCAL GOVT. (3)			
Kinesiology Competency (Physical Education/P.E.)	C	IP	N
• A minimum of one course (credit or noncredit) is required to earn the AA or AS degree. Any APE, HLTH, KIN, KIND course; or TA courses that are cross-listed with KIND; or FIRE 140A will satisfy this requirement. A maximum of 4 units of APE/KIN/KIND/TA activity courses will count toward the degree (except for KIND/TA units in the Fine Arts major, which have no limitation). • Completion of military basic training also fulfills this requirement. A copy of the student's form DD214 or JST must be on file with the Admissions & Records Office. • Courses with the athletics prefix (ATHL) do not satisfy this requirement			

Preparation for the Respiratory Therapy Program Prerequisites All science courses must include a laboratory			
Required Courses All courses required:	C	IP	N
BIOL 211 HUMAN ANATOMY (5)			
BIOL 221 GENERAL MICROBIOLOGY (5)			
BIOL 231 HUMAN PHYSIOLOGY (5)			
Respiratory Therapy Clinical Core: Two Years	C	IP	N
RSPT 50 POLYSOMNOGRAPHY (4)			
RSPT 221 BASIC CARDIOPULMONARY CLINICAL PRACTICUM (3)			
RSPT 222 ADVANCED CARDIOPULMONARY CLINICAL PRACTICUM & CASE STUDY (3)			
RSPT 230 INTRO TO RESPIRATORY THERAPY (3)			
RSPT 231 BASIC FUNDAMENTALS OF RT (10)			
RSPT 232 PATIENT ASSESSMENT & CLINICAL APPLICATION (10)			
RSPT 233 INTENSIVE RT CARE & ADVANCED PULMONARY PHYSIOLOGY (13)			
RSPT 234 NEONATAL & PEDIATRIC RT CARE & PATHOPHYSIOLOGY & PULMONARY REHAB (13)			
RSPT 239 INTRO TO CONTINUOUS MECHANICAL VENTILATORY SUPPORT (2)			
RSPT 243 CLINICAL SIMULATION (1)			

LEGEND: C = Completed units IP = In Progress units N = Needed units H = Honors