

OHLONE COLLEGE  
CURRICULUM GUIDE  
2003-2004

RESPIRATORY THERAPIST ASSOCIATE IN SCIENCE DEGREE**
--

Program Prerequisites:
------------------------

- |            |
|------------|
| *ENGL 101A |
| *MATH 151  |
| *CHEM 106A |

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Units</u>
+++BIOL 104-Basic Anatomy & Physi.	4
+++***PHYS 108-Survey of Physics	3
*RT 101-Prin of Respiratory Therapy I	3
RT 101L-Beg. Clinical Practice	1
RT 102-Beg. Lab	2
RT 103-Basic Patient Care	.5
***PSY Developmental or Applied Psy.	3
RT 145-Cardiopul. Resus. (CPR)	.5
	<u>17</u>

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Units</u>
AH 151-Pharmacology	2
RT 130A-Adv Respiratory Therapy I	3
RT 130B-Adv. Respiratory Therapy II	1.5
RT 130L-Adv. Clinical Practice	2
RT 132-Adv. Lab	1
RT 133-Mechanical Ventilation Lab	1.5
RT 134L-Lab & Clinic Prac in Neo-Pedi	1.5
**Humanities OR Fine arts	3
**PE/Wellness	.5-1
	<u>16-16.5</u>

<u>Spring Semester</u>	<u>Units</u>
RT 104A-Prin of Resp Therapy II	3
RT 104B-Prin of Resp Therapy III	3
RT 105A-Inter Lab I	1
RT 105B-Inter Lab II	0.5
oRT 106 -Inter Clin Practice <u>OR</u>	2-2
oRT 107 -Inter Clin Practice	(4)
RT 108 -Prin of Resp Path	1
Tech Tools	<u>0-3</u>
	12.5-15.5

<u>Spring Semester</u>	<u>Units</u>
RT 131B-Prin. of Mechanical Vent. II	2.5
RT 135-Comp Simulations for Resp Care	.5
RT 136- Critical Care Clinical Pract.	3.5
RT 137-Home Resp. Care & Pulm. Rehab	.5
RT 138-Spec Rotations in Resp. Care	.5
RT 139-Pulm Function Testing	1
RT 139L-Clin Prac in PFT	.5
++HIST/GOVT Requirement	<u>3</u>
	12

<u>Summer Session</u>	<u>Units</u>
RT 134-Neonatal & Pedi. Resp Care	1
@+++BIOL 107-Microbio. & Inf Diseases	3
RT 131A-Prin. of Mechanical Vent. I	2
**PE/Wellness	.5
	<u>6.5</u>

\*\*General Requirements (for A.S. Degree):

- \* ENGL 101A, MATH 151, CHEM 106A or equivalents must be completed prior to entering RT 101A.
- \*\*\* MATH 151 (or equivalent) is prerequisite.
- \*\*\*\*PSY 105, 106, 108, 110, 111, 114 or equivalent—developmental/applied psychology is acceptable.
- ++ HIST 117A satisfies requirement and is transferable to CSU/UC.
- +++ All these courses must be completed before entering the second year of the RT Program.
- o Students will elect either RT 106 (taken twice) OR RT 107. RT 106 reserved for part-time students.
- @ BIOL 106 Microbiology may be taken in lieu of BIOL 107

NOTE: Respiratory Therapy, Allied Health, Anatomy and Physiology, Microbiology, and Physics courses must be passed with a grade of "C" or better. The Respiratory Therapist Program participates in a cooperative arrangement with Diablo Valley College in Pleasant Hill. Students admitted to the program from DVC should seek counseling services through DVC.

ALL PREVIOUS COLLEGE TRANSCRIPTS MUST BE ON FILE IN RECORDS OFFICE BEFORE DEGREE APPLICATION WILL BE PROCESSED
---

Upon approval for AS degree, the department issues a certificate to meet California Respiratory Care Board requirements.
---

OHLONE COLLEGE  
CURRICULUM GUIDE/WORKSHEET

RESPIRATORY THERAPIST

Respiratory Care is an allied health specialty involved in the diagnosis, treatment, management and care of patients with deficiencies and abnormalities associated with the cardio-respiratory system. Completion of the program makes graduates eligible for the California State License Examination for Respiratory Care Practitioner (RCP) and the Advanced Level Practitioner Examinations (RRT) of the National Board for Respiratory Care, once the RCP credential has been attained.

Major Field:	Units	Major Field (con't)	Units
RT 101-Prin of Respiratory Therapy I	3	RT 130B-Adv. Respiratory Therapy II	1.5
RT 101L-Beg. Clinical Practice	1	RT 131B-Prin. of Mechanical Vent. II	2.5
RT 102-Beginning Lab	2	RT 135-Comp Simulations for Resp Care	.5
RT 103-Basic patient Care	.5	RT 136-Critical Care Clinical Pract.	3.5
RT 104A-Prin of Respiratory Therapy II	3	RT 137-Home Resp. Care & Pulm. Rehab	.5
RT 104B-Prin of Respiratory Therapy III	3	RT 138-Spec Rotations in Resp. Care	.5
RT 105A-Inter Lab I	1	RT 139-Pulm Function Testing	1
RT 105B-Inter Lab II	.5	RT 139L-Clin Prac in PFT	.5
RT 106-Inter Clin Prac (twice) <u>OR</u>	2-2	RT 145-Cardiopulmonary Resuscitation	<u>.5</u>
RT 107-Inter Clin Prac	(4)		40.5
RT 108-Prin of Resp Path	1	<b>*Supporting Courses (to complete major for A.S. Degree):</b>	
RT 130A-Adv Respiratory Therapy I	3	AH 151-Applied Clin Pharmacology	2
RT 130L-Adv. Clinical Practice	2	BIOL 104-Basic Anatomy/Physiology	4
RT 131A-Prin. of Mechanical Ventilation I	2	BIOL 107-Microbiology for Health <u>OR</u>	5
RT 132-Adv. Lab	1	BIOL 106 Microbiology	(3)
RT 133-Mechanical Ventilation Lab	1.5	PHYS 103-Physics for Life	3
RT 134-Neonatal and Pediatric Resp. Care	1	PSY 108-Developmental or Applied Psych	<u>3</u>
		(See other side)	15-17

\*Supporting courses must be taken for a letter grade.

<p><b>AREA I. NATURAL SCIENCE AA Degree (at least 3 units)</b>  <b>AS Degree (6 units and completion of major in designated career program)</b>  <b>ASTR 101A, 101B, 102; BIOL 101A, 101B, 103A, 103B, 104, 105, 106, 107, 108, 109, 130; CHEM 101A, 101B, 106A, 106B, 112A, 112B; CFS 109; GEOG 101, 101L, 121, 123; GEOL 101, 101L, 102, 103, 103L; HLTH 150; PHS 135; PHYS 103, 120, 121, 140, 141, 142; PTA 120</b></p>
<p><b>AREA II. SOCIAL SCIENCE AA, AS Degree</b>  <b>HIST 117A; OR PS 102</b></p>
<p><b>AREA III. FINE ARTS/HUMANITIES AA Degree (3 units from A and 1-4 units from B)</b>  <b>AS Degree (3 units from A or B)</b>  <b>A. FINE ARTS: ART 100, 101, 103A*, 103B*, 103D*, 103E*, IS 100; MUS 100, 101, 102*, 103, 120A, 120B; TD 100, 101, 102, 109</b>  <b>B. HUMANITIES: ARBC 101A; ART 104A, 105A, 106A, 107A, 108, 111A, 112, 114A, 116A, 121A, 131, 133A, 134A, 137, 139A; ASL 101A, 101B, 102A, 102B, 103A, 103B, 104A, 104B, 181A, 181B; BRDC 123A, 130, 140, 141, 142, 143, 148, 180; CHIN 101A, 101B, 102A, 102B, 121A, 121B; CHS 106A*; ECS 310,314; ENGL 101B, 104, 105A, 105B, 106, 111A, 111B, 112, 113, 114, 115*, 116, 117, 118, 119, 127, 129*, 135; FREN 101A, 101B, 102A, 102B; GA 109A, 160A, 160B, 161A; GERM 101A, 101B; HIST 103*, 104A, 104B, 121, 141, 142; ID 150A 153, 154, 155, 156, 158; IS 120*; JPNS 101A, 101B, 120A, 120B; JOUR 101A, 103A, 103B, 132, 145, 155, 156; MUS 103, 110A, 111A, 112A, 120A, 121, 153, 160A, 161A, 162A, 163A, 164A, 165A, 166A, 350, 352, 354A, 355, 356, 358, 359, 367, 368, 372, 373, 374; PHIL 101, 102, 104, 106, 107, 108, 109A, 109B, 110*, 112*, 114; SPAN 101A, 101B, 102A, 102B, 121A, 121B; SPCH 130, 132; TD 107, 110, 114, 115A, 119, 120A, 124, 125, 126, 127, 128, 129, 150, 152, 155, 159, 180, 181; WS 120*</b></p>
<p>*Denotes that this course can double count to meet the Cultural Diversity requirement.</p>
<p><b>AREA IV. ANALYTICAL THINKING AND ORAL COMMUNICATIONS AA, AS Degree</b>  <b>A. ENGLISH COMPOSITION: ENGL 101A, 103; JOUR 101A (at least 3 units)</b>  <b>B. ANALYTICAL THINKING AND ORAL COMMUNICATION: BA 123; CS 102, 104A, 113; ELEC 141; ENGL 101C; MATH 101A, 152 or 152A &amp; 152B, 153, 156, 159, 160, 163, 166, 167, 181, 188, 196; PHIL 104, 107; SPCH 101, 102, 104 (at least 3 units)</b>  <b>C. MATH PROFICIENCY: MATH 151 OR 151A&amp;B OR proficiency score on the Ohlone Placement Test or equivalent.</b></p>
<p><b>AREA V. PHYSICAL EDUCATION/WELLNESS AA, AS Degree</b>            Complete one of the following options:  <b>A PHYSICAL EDUCATION: Complete any two of the following courses: PE 220-231, 253L, 256, 300-375, 393-397; PTA 119 (for PTA majors only); TD 141A, 141B, 142A, 142B, 142C, 143A, 143B, 143C, 144A, 144B, 145A, 145B, 148A, 148B; OR</b>  <b>B WELLNESS: PE 251, 258, 382, OR AH 130, 131</b></p>
<p><b>AREA VI. CULTURAL DIVERSITY AA, AS Degree (3 units)</b>  <b>ANTH 102, 104; ART 103A, 103B, 103D, 103E; ASL 140, 142, 145; CHS 101, 102, 106A, 112; DEAF 311; ECS 309; ENGL 115, 135; HIST 103, 112, 115; IS 110, 120; MUS 102; PHIL 110, 112; SOC 101, 102, 106; SPCH 105; WS 115, 120</b></p>
<p><b>AREA VII. TECH TOOLS AA, AS Degree</b>            Pass the tech tool skill courses (A, B &amp; C) OR pass each of the tech tools test  <b>A Word Processing: CS 101L – 2 units, OR CAOT 174 – 1 unit, or equivalent, or CAOT 172A</b>  <b>B Spreadsheet: CS-101L – 2 units, OR CAOT 193A – 1 unit, or equivalent</b>  <b>C Internet research: CS 153 – 1 unit, OR CS/LS 151 – 0.5 unit, OR LS 101 – 1 unit, or equivalent,</b>  <b>NOTE: CS 101L may fulfill Area A &amp; B</b></p>
<p><b>ELECTIVES (TO BRING TOTAL UNITS TO 60): Any Associate Degree applicable course included in the College Catalog and not previously applied to the major field requirements or to one of the seven areas above may be used to fulfill this section.</b></p>
<p><b>NOTE: Students who have satisfied the General Education requirement for:</b>            1. One of the schools participating in the reciprocity agreement OR            2. A student who has completed a BA/BS from CSU or UC do not need to fulfill Ohlone's GE.</p>