

**Genesee Community College**  
 645-Respiratory Care-A.A.S.  
 SEMESTER COURSE PLANNING WORKSHEET  
 2010-2011

<b>Suggested First Semester</b>	<b>Credits</b>	<b>Suggested Second Semester</b>	<b>Credits</b>
BIO105/152	4	ENG101	3
MAT102 or MAT121 or MAT129	3	BIO106/153	4
CHE100	3	BIO201	4
RCP101	4	RCP114	3
RCP103	3	RCP115	4
RCP108	1		
<b>Total</b>	<b>18</b>	<b>Total</b>	<b>18</b>

<b>Suggested Summer Semester</b>	<b>Credits</b>
RCP116	2
RCP117	1
RCP118	1
PED/HED/REC	1
<b>Total</b>	<b>5</b>

<b>Suggested Third Semester</b>	<b>Credits</b>	<b>Suggested Fourth Semester</b>	<b>Credits</b>
RCP203	3	ENG102 or ENG105	3
RCP209	3	RCP216	3
RCP202	2	RCP218	2
RCP204	2	SOC SCIENCE/HISTORY ELECTIVE	3
RCP210	3	ARTS/HUMANITIES/LANGUAGE	3
PSY101	3	PED/HED/REC	1
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>

**General Curriculum Information**

**English (by placement):** Satisfactory completion of the writing skills exam is a prerequisite for ENG101. Students who do not satisfactorily complete the writing exam must register for ENG091 and/or ENG100 prior to completing their six (6) hour English sequence.

**Mathematics (by placement):** Mathematics placement is based on the ACT, ASSET, or COMPASS placement test.

**Reading Proficiency Requirement:** All students will be required to demonstrate proficiency in reading through testing prior to earning a degree or certificate. Students who do not meet the required standard will be expected to begin remediation immediately.

645	Degree Requirements for Respiratory Care	A.A.S.
<b>2010-2011</b>		
<b>1</b>	<b>COMMUNICATIONS</b>	<b>6</b>
	ENG101 English Communications 1	3
	ENG102 English Communications 2 <b>or</b> ENG105 Writing in Humanities	3
<b>2</b>	<b>FINE ARTS/HUMANITIES/LANGUAGE</b>	<b>3</b>
	Select from: <a href="#"><u>SUNY Approved Arts course</u></a> <b>or</b> <a href="#"><u>SUNY Approved Humanities course</u></a> <b>or</b> <a href="#"><u>SUNY Approved Foreign Language course</u></a>	
<b>3</b>	<b>SOCIAL SCIENCES</b>	<b>6</b>
	PSY101 General Psychology	3
	Social Science/History–Select one: <a href="#"><u>SUNY Approved Social Science course</u></a> , GEO101, HIS101, HIS102, HIS104, HIS105, HIS203, HIS204, HIS224, HIS225, HUS101, THE202, THE204	3
<b>4</b>	<b>MATH/SCIENCE</b>	<b>18</b>
	MAT102 Algebra 2 <b>or</b> MAT121 Technical Mathematics 1 <b>or</b> MAT129 Statistics	3
	BIO105/152 Anatomy & Physiology 1 ( <i>Spec Grades: A, B, C, TR, CR</i> )	4
	BIO106/153 Anatomy & Physiology 2 ( <i>Spec Grades: A, B, C, TR, CR</i> )	4
	BIO201 Microbiology and Human Disease	4
	CHE 100 Environmental Chemistry	3
<b>5</b>	<b>HEALTH/PE/REC</b>	<b>2</b>
	Select from: HED***, PED***, REC***	
<b>6</b>	<b>RESPIRATORY CARE</b>	<b>37</b>
	RCP101 Respiratory Care I	4
	RCP103 Cardiopulmonary Anatomy/Physiology	3
	RPC108 Medical Terminology for Health Studies	1
	RCP114 Respiratory Care II	3
	RCP115 Mechanical Ventilation I	4
	RCP116 Mechanical Ventilation II	2
	RCP117 Respiratory Pharmacology	1
	RCP118 Clinical Practice I	1
	RCP202 Cardiopulmonary Pharmacology	2
	RCP203 Neonatal and Pediatric Respiratory Care	3
	RCP204 Cardiopulmonary Disease	2
	RCP209 Cardiopulmonary Diagnostics	3
	RCP210 Clinical Practice II	3
	RCP216 Clinical Practice III	3
	RCP218 Respiratory Care III ( <i>Spec Grades: A, B, C, TR, CR</i> )	2
	<b>TOTAL</b>	<b>72</b>
	<b>Reading and Math Proficiency Required</b>	
	<b>Minimum QPI: 2.00</b>	

Revised: 4/24/01, 5/10/02, 9/10/02, 2/21/03, 2/20/04, 2/17/05, 3/10/06, 2/26/07, 1/26/09, 2/20/09, 2/12/10