

Respiratory Care - Associate in Applied Science (76-81 credits)

Name _____ Empl ID# _____

Madisonville
Advising Plan

2009
-2010

General Education Requirements

Course	Hrs	Grade	Semester
ENG 101 Writing I	3		
ENG 102 Writing II	3		
SOC 101 Introduction to Sociology OR PY 110 General Psychology OR PSY 100 Introduction to Psychology	3-4		
BIO 137 Human Anatomy & Physiology I	4		
BIO 139 Human Anatomy & Physiology II	4		
BIO 226 Principles of Microbiology OR BIO 225 Medical Microbiology	3-4		
MT 110 Applied Mathematics OR MT 150 College Algebra & Functions	3		
Oral Communications (COM 181 OR COM 252)	3		
Heritage/Humanities course	3		
Computer Literacy OR demonstration of skill by competency exam	0-3		

Subtotal Credits: 29-34 hours

It is preferable, though not required, that students complete BIO 137 & mathematics course before admission into program.

Students may take all general education classes while in the program.

Application Deadline: **March 1st**

Respiratory Care Technical Courses

Must complete all courses below with a 'C' or higher

Course	Hrs	Grade	Semester
RCP 110 Cardiopulmonary Anatomy & Physiology	3		
RCP 120 Theory & Principles of Respiratory Care	4		
RCP 125 Cardiopulmonary Evaluation	4		
RCP 130 Pharmacology	3		
RCP 150 Clinical Practice I	2		
RCP 175 Clinical Practice II	3		
RCP 180 Ventilatory Support	3		
RCP 190 Advanced Ventilatory Support	2		
RCP 200 Clinical Practice III	3		
RCP 204 Emergency & Special Procedures I	3		
RCP 210 Cardiopulmonary Pathophysiology	3		
RCP 212 Neonatal/Pediatric Respiratory Care	3		
RCP 214 Emergency and Special Procedures II	3		
RCP 225 Clinical Practice IV	3		
RCP 228 Preventive & Long-term Respiratory Care	2		
RCP 250 Clinical Practice V	3		

Subtotal Credits: 47 hours

Program Coordinator: Tina Siddon
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SAMPLE SCHEDULING PLAN	
<p>FIRST YEAR <u>First Summer Semester</u> BIO 137 Mathematics course (MT110 or MT150)</p> <p><i>Total: 7 credits</i></p>	<p>SECOND YEAR <u>Second Summer Semester</u> RCP 200 PY110 or PSY 100 or SOC 101 ENG 102</p> <p><i>Total: 9-10 credits*</i> <i>*One course must be taken during 4-week intercession and two courses must be taken during 6-week summer session</i></p> <p>All general ed courses <u>should be completed</u> before Year 2 Fall term</p>
<p><u>First Fall Semester</u> RCP 110 BIO 139 REC 120 ENG 101 RCP 150 Heritage/Humanities</p> <p><i>Total: 19 credits</i></p>	<p><u>Second Fall Semester</u> RCP 212 RCP 228 RCP 225 BIO 226 OR BIO 225 Computer Literacy (0-3)</p> <p><i>Total: 11-15 credits</i></p>
<p><u>First Spring Semester</u> RCP 125 RCP 130 RCP 180 and RCP 190 RCP 175 COM 181 or COM 252</p> <p><i>Total: 18 credits</i></p>	<p><u>Second Spring Semester</u> RCP 204 and RCP 214 RCP 210 RCP 250</p> <p><i>Total: 12 credits</i></p>
<p><u>Program Coordinator's Notes:</u></p> <p>The Math sequence to Applied Mathematics (MT 110) is the following: MT0 55 & MT 050 → MT0 65 → MT 110</p> <p>The Math sequence to College Algebra (MT 150) is the following: MT 055 & MT 050 → MT 065 → MT 120 → MT 150</p> <p>Students registering for BIO 137 (Anatomy & Physiology I) must have completed all developmental coursework (<i>courses numbered below 100</i>).</p> <p>Students should contact Tina Siddon, Program Coordinator, for pre-admission conference information.</p> <p>Students must have test scores, preferably BIO 137 and mathematics courses completed, prior to or during the first semester of program. Students may take all of their general education courses while in program.</p> <p>Annual Application Deadline: March 1st</p> <p>Preference is given to applicants who:</p> <ol style="list-style-type: none"> 1. have ACT scores of 17 or higher 2. have most of the their general education courses completed 3. have earned a grade of B or higher in biology courses (BIO 137, BIO 139 & BIO 225 OR BIO 226). 	