



PROGRAM OF STUDY PATHWAY TEMPLATES 2011-2012  
— RESPIRATORY CARE \*

COLLEGE: **Sinclair Community College**

HIGH SCHOOL(S): **Butler Tech, Greene CCC, Greenville,**



**Kettering Fairmont, Miami Valley CTC, Ponitz CTC,  
Stebbins, Springfield-Clark CTC, Warren CCC**

CAREER FIELD: **Health Science**

PATHWAY: **Allied Health Technology**

PROGRAM: **Respiratory Care**

**101 Credit Hours - Associate of Applied Science**

HIGH SCHOOL	<b>Freshman</b>	English I (1)	Integrated Algebra or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) P E (.5)	Career Exploration	Elective (1)
	<b>Sophomore</b>	English II (1)	Algebra I or Geometry (1)	Biology (1)	American History (1)	P E (.5) Elective(.5)	Technology: Word & Excel (.5) Art (.5)	Elective (1)
	<b>Junior</b>	English III (1)	Geometry or Algebra II (1)	Chemistry (1)	American Govt (.5) Social Studies Elective (.5)	College Tech Prep Health Science Technology (1)	College Tech Prep Health Science Technology (1)	Elective (1)
	<b>Senior</b>	<a href="#">English IV (1)</a>	<a href="#">Algebra II or Pre College Math Elective (1)</a>	■ Human Biology - Anatomy (1)	Elective (1)	College Tech Prep Health Science Technology (1)	College Tech Prep Health Science Technology (1)	Elective (1)

**Take Accuplacer (reading, math, and writing). Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.**

**Admission Requirements: MAT106 ■ Allied Health Mathematics (4) ; HIM121 ■ Basic Medical Terminology ; Chem120- Intro to Chem or Chem within last 5 yrs**

COLLEGE	<b>1st Quarter</b>	■ ALH 103 (3) Intro to Health Care Delivery	ALH 106 (2) Intro to Basic Health Care Practice	■ BIO 107 (5) Human Biology	HIM 121 (3) Basic Medical Terminology	MAT 106 (4) Allied Health Math		
	<b>2nd Quarter</b>	● ENG111 (3) English Composition I	RET 110 (5) Respiratory Therapeutics I	BIO 125 (5) Cardiopulmonary Anatomy & Physiology				
	<b>3rd Quarter</b>	● ENG112 (3) English Composition II	RET 120 (4) Respiratory Therapeutics II	RET 224 (3) Cardiopulmonary Pharmacology	● Arts & Humanities Elective (3)			
	<b>4th Quarter</b>	ALH 130 (1) Electrocardiograph: Health Care Provider	RET 140 (8) Adjuncts to Respiratory Care	RET 130 (4) Cardiopulmonary Disease Process				
	<b>5th Quarter</b>	Communication Arts Elective (3)	● Psychology Elective (3)	ALH 104 (2) Allied Health Informatics	RET 147 (3) Specialty Clinical Practice			
	<b>6th Quarter</b>	RET 230 (10) Respiratory Critical Care I	ALH 220 (4) Pathophysiology					
	<b>7th Quarter</b>	RET 240 (10) Respiratory Critical Care II	RET 250 (3) Pediatrics & Neonatology					
	<b>8th Quarter</b>	RET 260 (3) Assessment of Pulmonary Function	RET 280 (6) Correlations in Respiratory Care	RET Portfolio Elective (3)	ALH 141 (2) Emergency Cardiac Care (ACLS)			



**Sinclair converts to semesters in 2012-2013. Visit [www.sinclair.edu/semesters](http://www.sinclair.edu/semesters) for new course names and credit hours.**

**Credit-Based Transition Programs, such as dual enrollment, articulated courses 2+2 (+2)**

◆ = high school to college ● = community college to 4 year institution ■ = opportunity to test out

**Required Courses (credit hours)**

**Recommended Elective Courses**