

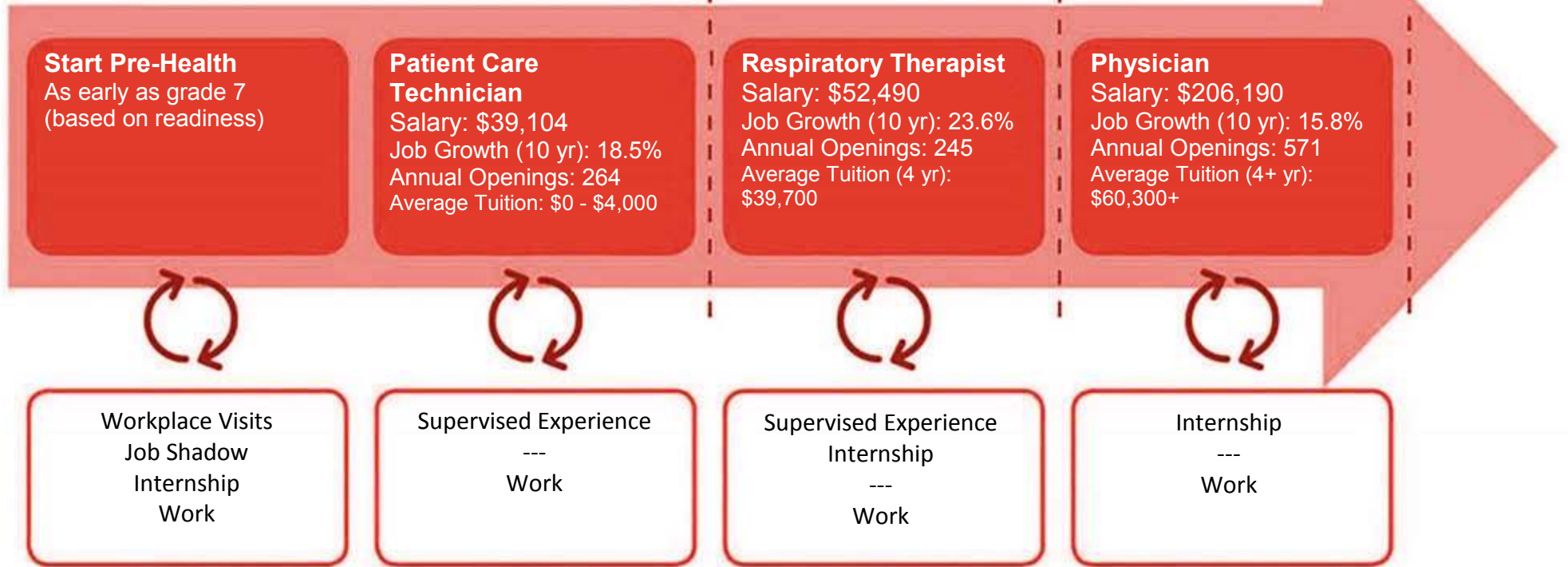


# Health Science Pathway Model

Certificate,  
Patient Care

Bachelor's Degree,  
Respiratory Therapy

Doctoral Degree,  
Medicine



Provided by middle schools, high schools, employers, Ohio Tech Centers, and Colleges.

**Preparing students for multiple options after high school:**  
gainful employment and/or post-secondary study.



**Courses with Secondary & Post-Secondary Credits**

<b>Secondary</b>	<b>7 8</b>	English	Algebra I	Science	Social Studies	Fine Arts			
	<b>9 10</b>	English	Geometry	Biology	US History	Health (.5) PE (.5)	Principles of Allied Health	Human Anatomy & Physiology	
	<b>11</b>	English	Algebra II	Chemistry	US Gov't & Economics	Foreign Language	Medical Terminology	Human Pathophysiology	
	<b>12</b>	English	Trigonometry	Physics	Psychology	Foreign Language	Patient Centered Care	Pharmacology	
<b>Post-Secondary</b>	<b>Year 1 1st Semester</b>	English	College Seminar	Algebra	Intro to Clinical Experience	Human Anatomy	Intro to Respiratory Care	Medical Terminology	
	<b>Year 1 2nd Semester</b>	Organic & Biochemistry	Human Physiology	Therapeutic Procedures I	Clinical Practice I	Patient Assessment I	Respiratory Pharmacology	Respiratory Equipment	Cardio Anatomy & Physiology
	<b>Year 2 1st Semester</b>	Microbiology	Respiratory Pathophysiology I	Therapeutic Procedures II	Clinical Practice II	Patient Assessment II	Sociology	Respiratory Equipment II	
	<b>Year 2 2nd Semester</b>	Clinical Practicum	Respiratory Pathophysiology II	Therapeutic Procedures III	Clinical Practice III	Ethics			

<b>High School CTE Program Courses</b>
<b>High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses</b>
<b>Required Courses</b>
<b>Recommended Electives</b>

