

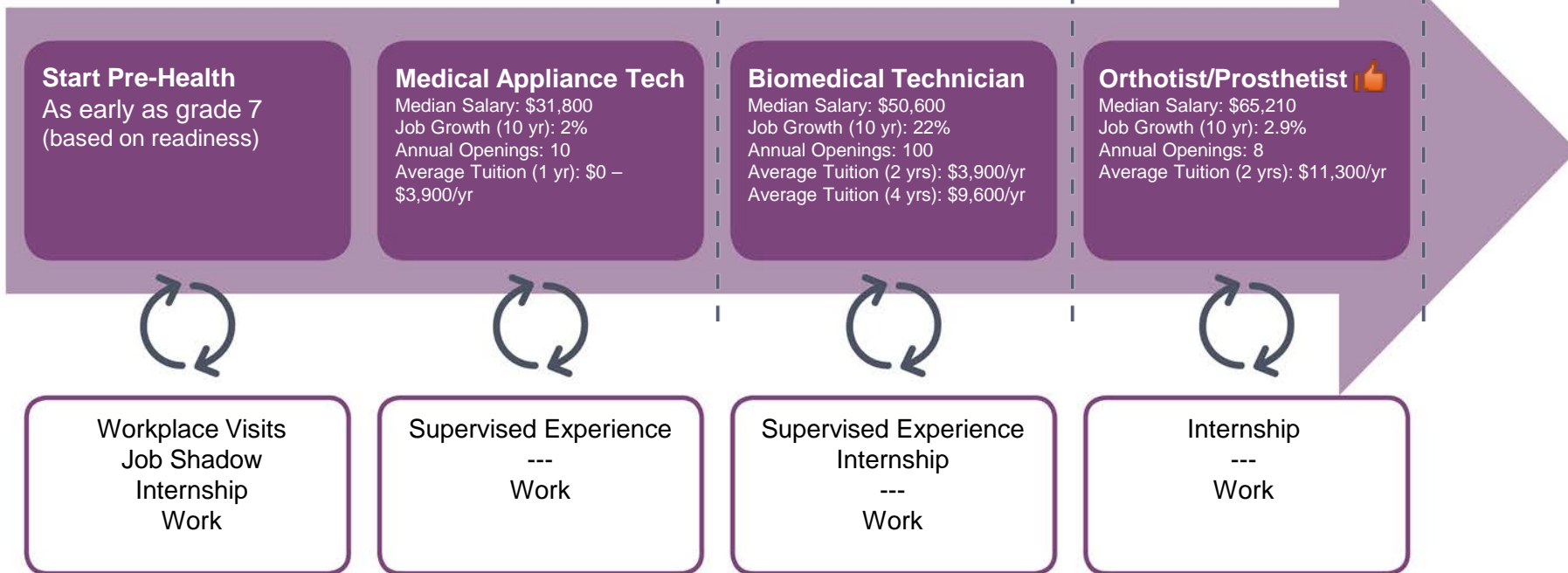


Health Science Career Pathway

Certificate

Associate Degree,
Bioscience Technology

Master's Degree,
Orthotics and Prosthetics



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

Preparing students for multiple options after high school:
gainful employment and/or postsecondary study.

Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit ohiohighered.org.



Health Science Career Pathway

Secondary Pathway: **Medical Bioscience**

Postsecondary Program: **Bioscience Technology**

An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Physical Science	Social Studies	Fine Arts	Health Science & Technology		
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Principles of Biomedical Technology	World Languages	
	11	English III	Algebra II	Chemistry	U.S. History	Medical Terminology	Biomedical Engineering	World Languages	
	12	English IV	Trigonometry/ Calculus	Anatomy & Physiology	U.S. Government	Biochemistry of Health	Genetics of Disease		
Postsecondary	Year 1 1st Semester	English Composition I	College Algebra	Biology I	Bioscience Lab Skills	Bio-manufacturing	Bio-informatics		
	Year 1 2nd Semester	English Composition II	Chemistry	Biology II	Bioscience Lab Methods	Psychology			
	Year 2 1st Semester	Public Speaking	Organic Chemistry	Molecular Genetics	Scientific Literacy	Protein Purification & Analysis			
	Year 2 2nd Semester	Ethics	Statistics	Human Genetics	Bioscience Capstone				

High School Career-Technical Education Program Courses

High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses

Required Courses

Recommended Electives

Visit education.ohio.gov/CareerConnections for reference information.

Course titles and sequences will vary between schools.

6/2015