



Health Science Career Pathway

Certificate,
Exercise Specialist

Associate or Bachelor's
Degree, Physical Therapy

Doctoral Degree,
Physical Therapy

Start Pre-Health

As early as grade 7
(based on readiness)

Personal Trainer

Median Salary: \$40,510
Job Growth (10 yr): 8%
Annual Openings: 1,900
Average Tuition (1 yr): \$0 – \$4,680/yr

Physical Therapist Assistant

Median Salary: \$59,770
Job Growth (10 yr): 21%
Annual Openings: 970
Average Tuition (2 yrs): \$3,900/yr
Average Tuition (4 yrs): \$9,600/yr

Physical Therapist

Median Salary: \$91,010
Job Growth (10 yr): 16%
Annual Openings: 970
Average Tuition (3 yrs): \$31,500/yr



Workplace Visits
Job Shadow
Internship
Work

Supervised Experience

Work

Supervised Experience
Internship

Work

Internship

Work

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 Occupational Employment and wages 2020 and Onet. For specific tuition costs, visit ohiohighered.org.



Health Science Pathway Model

Secondary Pathway: **Exercise Science and Sports Medicine**

Postsecondary Program: **Physical Therapy Assistant**

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)	Exercise & Athletic Training	Medical Terminology	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Sports Exercise Psychology	Human Anatomy & Physiology	World Languages	
	12	English IV	Trigonometry/Calculus	Anatomy & Physiology	U.S. Government	Athletic Inquiries & Prevention	Exercise Physiology & Biochemistry	Nutrition & Wellness	
Postsecondary	Year 1 1st Semester	English I	Intro to Physical Therapy	Physical Therapy Procedures I	Medical Terminology	Anatomy & Physiology I			
	Year 1 2nd Semester	English II	Rehabilitation I	Physical Therapy Procedures II	Psychology	Anatomy & Physiology II	First-Year Capstone		
	Year 2 1st Semester	Calculus	Rehabilitation II	Physical Therapy Procedures III	PT Trends & Issues	Directed Practice I	Seminar I		
	Year 2 2nd Semester	Human Growth & Development	PT Special Topics	Directed Practice II & III	Seminar II & III				

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.

4/2015