

# High School to College and Career Pathway: Secondary

Career and Technical Education: Preparing Students for College and Career!



## Area of Study: Health Science Education

### Pathway: Therapeutic Services – Therapeutic Rehabilitation/Exercise

**Get the Facts**  
Physical Therapy is ranked among the top 10 fields, and is expected to remain a top field well into the 21st century.  
In Utah, an athletic trainer, physical therapist, physician, and physician assistant must be licensed.

**Workforce Trends**  
Job growth will be concentrated in health care industry settings, such as ambulatory health care services and hospitals.

CAREER AND TECHNICAL EDUCATION Recommended Pathway Courses		
(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)		
CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL		
Course #	Foundation Courses: (required)	Credit
51.0913	Exercise Science/Sports Medicine	1.00
51.1399	Medical Anatomy & Physiology	1.00
<b>Elective Courses:</b>		
51.0001	Health Science, Introduction	.50
51.0810	Emergency Medical Services, Introduction	.50
51.0799	Medical Terminology	.50
51.9999	Medical Math	.50
51.1199	Health Science, Advanced (capstone course)	1.00
32.0199	Student Internship (Critical Workplace Skills)	.50

2.00 credits

1.00 credit

3.00 credits for completion

**Therapeutic Rehabilitation/ Exercise is:**

- > High skill
- > High wage
- > High demand

**Sample Career Occupations**

- > Athletic Trainer
- > Chiropractor
- > Health Science Education Teacher
- > Occupational Therapist
- > Occupational Therapist Aide
- > Occupational Therapist Assistant
- > Physical Therapist
- > Physical Therapist Aide
- > Physical Therapist Assistant
- > Massage Therapist
- > Physician
- > Physician Assistant

Middle School		State Requirements		High School Suggested Education Plan				College and Career
7th Grade	8th Grade	Middle School	High School	9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	Beyond High School
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts 4.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00	There are a number of options for education and training beyond high school, depending on your career goals. <ul style="list-style-type: none"> <li>&gt; Certificate</li> <li>&gt; Associate degree</li> <li>&gt; Bachelor's degree</li> <li>&gt; Professional degree</li> <li>&gt; On-the-job training</li> <li>&gt; Apprenticeship</li> <li>&gt; Military training</li> </ul> For more information on salary projections, labor market demand, and training options, visit <a href="http://www.utahfutures.org">www.utahfutures.org</a> .
Math * 1.00	Math * 1.00	2.00	Math 3.00	Math * 1.00	Math * 1.00	Math * 1.00	Medical Math .50	
Science .50	Science 1.00	1.50	Science 3.00	Biology or Human Biology 1.00	Chemistry 1.00	Medical Anatomy and Physiology 1.00		
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies 3.00	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50	
P.E. 1.00	Health .50	1.50	P.E./Health 2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50			
The Arts .50	The Arts .50	1.00	Fine Arts 1.50	Fine Arts Courses 1.50				
Keyboarding .50			Computer Tech. .50	Computer Technology .50				
CTE Intro 1.00		1.00	CTE 1.00	Refer to Career and Technical Education box above.				

\* Talk to your school counselor about math requirements in the new common core curriculum. Core curriculum and elective requirements may vary district to district.

Concurrent enrollment course offerings vary by school and district. Many Utah postsecondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional postsecondary Pathways for details.