

Physical Therapies

Career Goal (O*NET Code): Physical Therapist (29-1123), Respiratory Therapist (29-1126), Recreational Therapist (29-1125), Occupational Therapist (29-1122).

Cluster Overview: The Health Science Cluster focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

High School	9th	Core Courses:	English I Algebra I Biology	World Geography Languages other than English I Health/PE or Equivalent	Curricular Experiences: Health Occupations Students of America STARS Research Program NASA Research Program	Extracurricular Experiences: National Youth Leadership Forum on Medicine Medical Mission Trips Special Olympics Therapeutic Camps		
		Career-Related Electives:	Introduction to Health Science Technology AND Medical Terminology					
	10th	Core Courses:	English II Geometry Chemistry	World History Languages other than English II Technology Applications				
		Career-Related Electives:	Health Science Technology I*** or Gerontology					
	11th	Core Courses:	English III Algebra II Physics	United States History Communication Applications PE or Equivalent			Career Learning Experiences: Career Preparation (Paid/Unpaid) Job Shadowing Internship	Service Learning Experiences: Community Service Volunteer
		Career-Related Electives:	Health Science Technology II* or Anatomy and Physiology of Human Systems or Languages other than English III					
12th	Core Courses:	English IV AP Statistics Scientific Research and Design	Government/Economics Fine Arts					
	Career-Related Electives:	Health Science Technology III* or Medical Microbiology or Pathophysiology or Pharmacology or Clinical Nutrition or Mental Health or Psychology or Languages other than English IV						
Postsecondary	On-the-Job Training	Acupuncturist Assistant	Orthotist/Prosthetist Assistant	Career Options: Massage Therapist	Professional Associations: American Physical Therapy Association American Occupational Therapy Association American Therapeutic Recreation Association Texas Physical Therapy Association Texas Occupational Therapy Association American Massage Therapy Association			
	Certificates	Massage Therapy OSHA CareerSafe						
	Associate's Degrees	Art, Music, Dance Therapy Occupational Therapy Recreation Therapy	Physical Therapy Respiratory Therapy			Career Options: Art, Music, Dance Therapist Physical Therapy Assistant Occupational Therapy Assistant Respiratory Therapy Assistant		
	Bachelor's Degrees	Art/Music/Dance Therapy Orthotics/Prosthetics Kinesiology	Recreation Therapy Physical Therapy Athletic Training				Career Options: Physical Therapist Art/Music/Dance Therapist Athletic Trainer Orthotist/Prosthetist Exercise Physiologist Recreation Therapist	
	Graduate Degrees	Kinesiotherapy Occupational Therapy Art/Music/Dance Therapy	Recreation Therapy Orthotics/Prosthetics			Career Options: Therapeutic Researcher Systems Manager		

* May substitute for the required credit for Physical Education
** Satisfies the required credit for Technology Applications
*** May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.