

Speech Therapy

Career Goal (O*NET Code): Speech Language Pathologist (29-1127), Audiologist (29-1121), Optometrist (29-1041).

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.

COURSEWORK

EXTENDED LEARNING EXPERIENCES

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|----------------------|---------------------|---|---|---|--|---|
| High School | 9th | Core Courses: | English I Algebra I Biology | World Geography Languages other than English I Health/PE or Equivalent | <p>Curricular Experiences: Health Occupations Students of America STARS Research Program NASA Research Program</p> <p>Career Learning Experiences: Career Preparation (Paid/Unpaid) Job Shadowing Internship</p> | <p>Extracurricular Experiences: Academic Decathlon UIL National Youth Leadership Forum on Medicine Medical Mission Trips Therapeutic Camps</p> <p>Service Learning Experiences: Community Service Volunteer</p> |
| | | 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 Speech Communication | | | |
| | 11th | Core Courses: | English III Algebra II Physics | United States History Communication Applications PE or Equivalent | | |
| | | 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 Gerontology or Independent Study or Psychology or Languages other than English IV | | | |
| Postsecondary | On-the-Job Training | Ophthalmic Assistant Optometric Assistant Ophthalmic Technician | | <p>Professional Associations: Opticians Association of America American Optometric Association American Academy of Optometry American Speech-Language-Hearing Association Texas Speech-Language-Hearing Association American Academy of Audiology Texas Academy of Audiology</p> | | |
| | Certificates | Optician OSHA CareerSafe NOTE: Students may earn all or part of these certificates as part of the high school experience. | | | | |
| | Associate's Degrees | Ophthalmic Technology | | | | |
| | Bachelor's Degrees | Communicative Sciences and Disorders Hearing Sciences Science | | | | |
| | Graduate Degrees | Doctor of Medicine Doctor of Optometry Audiology/Hearing Sciences Speech-Language Pathology | | | | |

* 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.