

Health Science Career Cluster

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Exercise Science and Wellness (Academy) Statewide Program of Study



Career & Technical Education

The Exercise Science and Wellness program of study introduces CTE learners to the fields that assist patients with maintaining physical, mental, and emotional health. Students will research diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and practice techniques to help patients recover from injury, illness, or disease.

Secondary Courses for High School Credit

9th Grade

- Principles of Exercise Science and Wellness

10th Grade

- Kinesiology I

11th Grade

- Kinesiology II (AAC)

and

- Anatomy & Physiology (AAC)

12th Grade

- Practicum in Health Science

Postsecondary Opportunities

Associates Degrees

- Associate of Applied Science

Bachelor's Degrees

- Kinesiology and Exercise Science
- Nutrition Science

Master's, Doctoral, and Professional Degrees

- Exercise Physiology
- Physical Therapy

Work-Based Learning and Expanded-Learning Opportunities

Exploration Activities

- Participate in Health Occupations Students of America (HOSA)

Work-Based Learning Activities

- Volunteer at a hospital or rehabilitation center
- Manage a school sports team

Industry-Based Certifications

- American Heart Association Heartsaver CPR/First Aid



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Athletic Trainers	\$53,450	215	22%
Dieticians and Nutritionists	\$57,762	428	24%
Recreational Therapists	\$45,906	74	24%