



Career Cluster: Health Science

Career Program of Study: Patient Care Technician

JUNIOR HIGH

[College and Career Readiness](#)

Exploring Health Science

HIGH SCHOOL

EXPLORER COURSES: Choose one or more of the following courses.

[Principles of Health Science *](#)

[Human Growth & Development +](#)

[Medical Terminology *](#)

CONCENTRATOR COURSES: To be a concentrator you must pass one of the following AND one explorer course.

[Health Science Theory *](#) required to take w/Health Science Clinical

[Health Science Clinical *](#) required to take w/Health Science Theory

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Program of Study

[Practicum in Health Science *](#)

[Career Prep +](#)

POSTSECONDARY:

[Texas Higher Education Coordinating Board](#)

[Apply for Financial Aid](#)

[Trade Schools](#)

*Required to Complete the POS and test for Patient Care Technician +Recommended

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are several options for education and training beyond high school, depending on your career goals.

High School Certifications

- Patient Care Technician
- Certified Nurse Assistant
- OSHA 30

2- Year Certificate Associates or Tech. Degree

- Licensed Vocational Nurse
- Clinical Lab Tech

4- Year Bachelor's Degree

- Registered Nurse
- Athletic Trainer
- Forensic Science Tech
- CTE Teacher

Daisy Cadena states that enrolling in CTE courses helped prepare her for the Patient Care Tech exam. Which will help her prepare for her career in the Health Care Field. Daisy states that she wants to become a Registered Nurse and is currently working towards a Bachelor's Degree.

LEARN MORE ABOUT OCCUPATION AND WAGES
 Texas CTE Health Science:
[Health Science](#)

HOSA: Is the Career & Technical Student Organization (CTSO) for students in the Health Science Program of Study
[HOSA](#)

Healthcare Therapeutics (Health Science)

Students who have chosen the program of study of Cybersecurity will complete the following courses and will earn a STEM Endorsement.

9th Grade: Principles of Health Science (1 credit)

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry.

10th Grade: Medical Terminology (1 credit)

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

11th Grade: Health Science Theory (1 credit) & Health Science Clinical (1 credit)

Students must enroll in both courses for the entire year.

The **Health Science Theory** course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

The **Health Science Clinical** course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

12th Grade: Practicum in Health Science (2 credits)

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Students will be able to earn the following industry based certifications:

Patient Care Technician: students will test through the National Healthcareer Association
OSHA-30 is a self paced online training that is provided through University of South Florida Health

For more information on post-secondary options please click the link below.

[Health Sciences](#)

COURSES



- LEVEL 1
- LEVEL 2
- LEVEL 3
- LEVEL 4

POSTSECONDARY OPTIONS

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES



COURSE INFORMATION

COURSE NAME	SERVICE ID	PREREQUISITES (PREQ) COREQUISITES (CREQ)	GRADE

FOR ADDITIONAL INFORMATION ON THE HEALTH SCIENCE CAREER CLUSTER, PLEASE CONTACT:

<https://tea.texas.gov/cte>