

Cherokee Trail High School  
Plan of Study  
**Health Science, Criminal Justice & Public Safety**



**Career Path Courses**

**9th: Computer Applications\*, Business Law, Medical and Sustainable Technology**

**10th: Sports Medicine, Medical Careers**

**11th: Principles of Health Science\*\*, Criminal Justice, Lifeguard Training, Executive Internship\*\* (summer)**

**12th: Health Sciences\*\*, Epic Medical Careers\*\*, Criminal Justice, IB Sports Exercise and Health Sciences SL, Anatomy and Physiology**

**Core Academic Classes**

9th: English 9 (Pre-AP, Pre-IB), World Geography (Pre-Ap, AP), Algebra 1 or higher, Biology (H), World Language

10th: English 10 (Pre-AP, Pre-IB), Government/Economics (AP), Geometry or higher, Chemistry (H, AP), World Language

11th grade: English 11 (AP, IB, H), US History (AP, IB, CE), Algebra 2 or higher (AP, IB, CE), Physics (AP, IB), World Language

12th grade: English 12 (AP, IB, CE), Senior Social Studies (AP, IB), College Algebra or higher (AP, IB, CE), Senior Science (AP, IB,)

AP= Advanced Placement, IB= International Baccalaureate, CE= Concurrent Enrollment. *All CTHS core pathways meet college admission standards.*

**Other Electives to Consider**

**Health ±**  
**Wellness and Fitness**  
**Computer Applications**  
**Competitive Speech**  
**Competitive Debate**  
**Manufacturing Production and Design**  
**Personal Finance**  
**Psychology**  
**Street Law**

**Potential Career Pathways (Health Science):** *Nursing, Diagnostic Services, Physical Therapy, Biotechnology research*

**Employment Outlook:** Employment of healthcare occupations is projected to grow 19 percent through 2024. This growth is expected due to an aging population and because federal health insurance reform should increase the number of individuals who have access to health insurance. The median annual wage for healthcare practitioners and technical occupations (such as registered nurses, physicians and surgeons, and dental hygienists) is \$61,710, which is higher than the median annual wage for all occupations in the economy of \$35,540.

**Potential Career Pathways (Criminal Justice):** *Police officer, Fire management services, EMT, Security and protection services*

**Employment Outlook:** There are approximately 5 million jobs in the occupations assigned to the law, public safety, corrections, and security cluster. Employment of protective service and legal occupations is projected to grow around 5 percent through 2024. Numerous job openings will stem from employment growth attributable to the continued desire for increased corporate, industrial and homeland security, and the maintenance of public safety. Median annual wages for these occupations range from \$19,040 for lifeguards, ski patrol, and other recreational protective service workers, to \$118,150 for judges, magistrate judges, and magistrates.

Source: Naviance 2018

**Additional Information**

**College Credit:**

\*Courses offer college credit through **Concurrent Enrollment, AP, or IB**

**CTE Courses :**

\*\* Courses are offered through the CCSD CTE program and are off-campus.

**Student Organizations:**

Hosa: Future Health Care Professionals



**Post-graduation options that lead to careers in this Cluster:**

World of work, Associates Degree (AA), Bachelor's Degree (BA), Master's Degree (MA), and Doctorate

**Standardized Testing: Suggested Benchmarks**

| <u>SAT</u> | <u>ACT</u> | <u>Accuplacer</u> |
|------------|------------|-------------------|
| ELA: 480   | English 18 | SS 95             |
| Math: 530  | Reading 22 | RC 80             |
|            | Math 22    | Math 85           |