

Cherokee Trail High School
 Career Pathway Plan of Study
Agriculture and Natural Resources



Career Path Courses

- 9th:** Pre-engineering Technology 1, Pre-engineering Technology 2
- 10th:** Manufacturing Production Design/Development
- 11th:** Medical and Sustainable Technologies, Robotic Technologies
- 12th:** Applied Tech Senior Project (with a focus on agriculture or natural resources)

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
 - Personal Finance
- ± Required course for graduation.

Potential Career Pathways: *Farm and ranching businesses, Animal Science, Natural Resource management, Renewable Energy research and production.*

Employment Outlook: Employment opportunities will continue to increase for those who provide and market an expanding array of food, forest, and veterinary medical consumer products to a growing world population. Continued globalization of the food, agricultural and natural resources system will increase opportunities for graduates who understand the socio-economic factors that define international markets. Graduates who know how to satisfy the diverse consumer needs and preferences in different cultures, and who have the language skills to communicate effectively, will have the best opportunities to be employed by the growing number of multinational businesses.

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:

FFA- Future Farmers of America (not currently offered at CTHS)



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