

FOCUS **ON THE** FUTURE

2026-27

**Your Guide to
Career, Technical
& Agricultural
Education in
CCSD Schools**



**Cherokee
County
School
District**

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Legend: where Pathways are offered

CHS Cherokee HS	CVHS Creekview HS	EHS Etowah HS
RRHS River Ridge HS	SHS Sequoyah HS	WHS Woodstock HS

CTAE Fast Facts

- CCSD CTAE Pathway Completers have a **99%** graduation rate
- Upon completion, **19** CTAE Pathways lead to nationally recognized industry certification
- **13** CTAE courses qualify as the required fourth science course for high school graduation—as noted here with **(S)**
- **5** CTAE End of Pathway Assessments qualify for college credit
- **10** CTAE Pathways offer Technical College System of Georgia (TCSG) course credit upon completion of the pathway AND passing the End of Pathway Assessment. Those Pathways are marked with **TCSG**.

Cherokee County School District
Mary Elizabeth Davis, Superintendent

Chris Wallace,
CTAE Curriculum Coordinator
PO Box 769 Canton, GA 30169
770.479.1871
www.cherokee12.net

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*Median wage data is from 2024 from the
U.S. Bureau of Labor Statistics*



What kind of careers are out there for me?

Do I need to go to college?

What's offered at my school?

Should I consider dual enrollment?

How do I find the right fit between my interests and talents?

What classes can I take in high school that will lead to a job?

What do I want to be?

Wondering what you want to do after high school? You are not alone! Most students have little idea where their path may lead as they head into the freshman year of high school – it can be an overwhelming concept! Georgia has a single diploma track for most students, with the same basic requirements for graduation whether you have plans for college, career, military or technical school. Those requirements include credit hours for a Pathway, which you can complete in either a career field, foreign language or fine arts; and, if you choose to complete a foreign language or fine arts Pathway, you can still use your open electives to explore different career classes, or complete a Career Pathway.

Georgia Department of Education recognizes 17 different Career Clusters, and each of those clusters has multiple Pathways that orient around a career. Each of our six traditional high schools offers 10 or more Pathways that focus on a career— CCSD offers 40 total Pathways across six high schools.. Students take three (or more) classes in a series to complete a pathway, and some pathways offer industry certification as well, giving graduates an immediate entry into the workforce. Depending on the Pathway, some students start their career right after graduation. Some careers may require additional coursework beyond high school to attain a specific credential; others lead to a 4-year college degree for a full array of job opportunities.

Some Pathway classes also can count as core subject credit (e.g. Animal Science and Biotechnology in the Veterinary Science Career Pathway counts as one of the four science credits needed for graduation). Essentials of Healthcare counts both as a CTAE course and as Anatomy & Physiology for two full credits.

This guide gives a brief overview of the many pathways offered at CCSD schools. Please look through it, and if you have questions, there is more information available on our website and at your counselor's office. For detailed course descriptions, see the [High School Course Guide](#) on our website.

The color coded blocks under each Pathway indicate which high schools currently offer that program; if you want to pursue a specific Pathway not offered at your school, talk to your counselor about academic reassignment (transfers are contingent upon program capacity; transportation is not provided).



Learn more about each Pathway by scanning this QR code to visit our website:



The Cherokee County School District offers 40 career and technical education pathways for all students regardless of race, color, national origin, including those with limited English Proficiency, sex or disability in grades 9-12.



Cherokee High School

Pathways:

- Agricultural Leadership/Plant & Floral Design Systems
- Audio/Video Technology & Film
- General Automotive Technology
- Carpentry/Electrical
- Computer Science/ Web Development
- Early Childhood Care & Education
- Engineering & Technology
- JROTC - Air Force
- Law Enforcement Services/ Forensic Science
- Nutrition & Food Science
- Therapeutic Services/Patient Care/ Sports Medicine
- Welding



Creekview High School

Pathways:

- Agricultural Mechanics/Metal Fabrication
- Audio/Video Technology & Film
- Computer Science
- Engineering & Technology
- Equine/Veterinary Science
- Graphic Design/Communications
- JROTC-Army
- Law Enforcement Services/ Forensic Science/Security & Protective Services
- Marketing & Management
- Nutrition & Food Science
- Teaching as a Profession
- Therapeutic Services/Allied Health/Sports Medicine



Etowah High School

Pathways:

- Architectural Drawing & Design
- Audio/Video Technology & Film
- Carpentry/Heavy Equipment Operations
- Computer Science
- Engineering Drafting & Design
- Game Design
- General Automotive Technology
- JROTC- Air Force
- Law Enforcement/Forensic Science
- Nutrition & Food Science
- Plant & Floral Design Systems
- Therapeutic Services/Allied Health/ Sports Med/Exercise Physiology
- Veterinary Science/Companion Animal Systems



River Ridge High School

Pathways:

- Audio/Video Technology & Film
- Computer Science
- Diagnostics/Clinical Lab
- Engineering & Technology
- JROTC-Air Force
- Law Enforcement Services/ Forensic Science
- Nutrition & Food Science
- Sports Marketing & Entertainment
- Teaching as a Profession
- Web Development



Sequoyah High School

Pathways:

- Architectural Drawing & Design
- Audio/Video Technology & Film
- General Automotive Technology
- Computer Science
- Engineering Drafting & Design
- JROTC-Air Force
- Marketing & Management
- Nutrition & Food Science
- Teaching as a Profession
- Therapeutic Services/Patient Care
- Web Development



Woodstock High School

Pathways:

- Audio/Video Technology & Film
- Computer Science
- Cybersecurity
- Early Childhood Care & Education
- Engineering/Drafting & Design
- Fire Services/Firefighting/EMT
- Flight Operations
- Graphic Design/Communications
- JROTC-Navy
- Law Enforcement Services/CI
- Nutrition & Food Science
- Therapeutic Services/Patient Care
- Unmanned Aircraft Systems

AGRICULTURE, FOOD AND NATURAL RESOURCES

POSSIBLE CERTIFICATIONS TO EARN

- OSHA 10
- Veterinary Assistant

Agricultural Mechanics

Course of Study

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Agricultural Mechanics Technology II

CVHS

Agricultural Mechanics and Metal Fabrication

Course of Study

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Agricultural Metals Fabrication

CVHS

Equine Science

Course of Study

- Basic Agricultural Science
- Animal Science and Biotechnology (S)
- Equine Science

CVHS

Veterinary Science

Course of Study

- Basic Agricultural Science
- Animal Science and Biotechnology (S)
- Veterinary Science

CVHS

EHS

CAREER POSSIBILITIES

Welder, Mechanic, Carpenter, Farm Manager, Animal Caretaker, Electrician, Agricultural Inspector, Animal Caretaker, Barn Manager, Animal Trainer, Veterinarian, Wildlife Removal/Relocate, Livestock Buyer, Animal Nutritionist, Florist, Landscaping/Groundskeeper, Tree Trimmer/Pruner, Forestry Worker, Conservation Scientist, Farmer/Rancher, Agriculture Technician

CCSD high schools offer seven different Pathways within the Agriculture, Food, and Natural Resources Career Cluster. This cluster includes the production, processing, marketing, financing, distribution and development of agricultural commodities and resources. These commodities include food, fiber, wood products, natural resources, horticulture and other plant and animal products/resources. Students in these Pathways have the opportunity for hands-on learning, and they can also learn leadership skills through participation in the FFA student organization.



Ag Mech Occupations	Education Needed	Median Wage
Welder, Cutter, Fitter	Postsecondary Certificate	\$48,940
Agricultural Technician	Associate's Degree	\$47,010
Agricultural Engineer	Bachelor's Degree	\$88,750

Vet Science Occupations	Education Needed	Median Wage
Veterinary Assistant	High School Diploma	\$36,440
Veterinary Technician	Associate's Degree	\$43,740
Veterinarian	Doctoral Degree	\$119,100

AGRICULTURE, FOOD AND NATURAL RESOURCES

Plant & Floral Design Systems

Course of Study

- Basic Agricultural Science
- General Horticulture and Plant Science (S)
- Floral Design and Management
- Optional 4th Class: Agricultural Leadership/Personal Development

CHS

EHS



Companion Animal Systems

Course of Study

- Basic Agricultural Science
- Animal Science and Biotechnology (S)
- Small Animal Care

EHS



Plant Sys Occupations	Education Needed	Median Wage
Nursery Worker	High School Diploma	\$36,140
Floral Designer	High School Diploma	\$34,690
Landscape Architect	Bachelor's Degree	\$79,320



Career Technical Student Organizations

The National FFA Organization is an American youth organization, specifically a career and technical student organization focused on agricultural education. The organization was founded in 1928 as Future Farmers of America, but in 1988 the name was changed to the National FFA Organization, now commonly referred to as simply FFA, to recognize that the organization is for those with diverse interests in the food, fiber and natural resource industries, encompassing science, business and technology in addition to production agriculture.



The Creekview High School FFA team won first place in state and sixth place in the nation in the National FFA Convention's veterinary science competition in the fall of 2025.

(S) satisfies fourth science credit requirement

ARCHITECTURE AND CONSTRUCTION

POSSIBLE CERTIFICATIONS TO EARN

- Autodesk Revit Architecture Certified User
- NCCER General Carpentry
- Welding 2 ASW

- OSHA 10
- Excavator and/or Small Dozier Trainee Certificate

Architectural Drawing and Design

Course of Study

- Introduction to Drafting and Design
- Architectural Drawing and Design I
- Architectural Drawing and Design II



Carpentry or Electrical

Course of Study

- Industry Fundamentals and Occupational Safety
- Introduction to Construction
- Carpentry I, or Electrical I



Heavy Equipment Operations

Course of Study

- Industry fundamentals & Occupational Safety
- Introduction to Heavy Equipment
- Heavy Equipment Operations I



Welding

Course of Study

- Industry Fundamentals and Occupational Safety
- Introduction to Metals
- Welding I, Welding II, Welding III



The Architecture and Construction Career Cluster includes careers in designing, planning, managing and building structures. CCSD offers four Pathways in this cluster, with industry certified programs in Architecture at Sequoyah HS and Etowah HS, and Carpentry at Etowah HS.

Architecture Occupations	Education Needed	Median Wage
Home Stager	High School Diploma	\$46,930
Architectural Drafter	Associate's Degree	\$62,530
Architect	Bachelor's Degree	\$93,310

Carpentry Occupations	Education Needed	Median Wage
Carpenter Apprentice	High School Diploma	\$41,600
Carpenter	Apprenticeship	\$56,350
Construction Manager	Bachelor's Degree	\$104,900

Heavy Equipment Operator Occupations	Education Needed	Median Wage
Construction Equipment Operator	High School Diploma + on the job training	\$55,270

Welding Occupations	Education Needed	Median Wage
Welder	Postsecondary Certificate	\$48,940



CAREER POSSIBILITIES

Construction Manager, Heavy Equipment Operator, Mechanical Engineer, Civil Engineer, Architect, Supervisor, Plumber and Pipe-fitter, Welder, Carpenter, Architecture Professor, Urban and Regional Planner, Architectural Manager, Landscape Architect, Architectural Drafter, Mechanical Drafter, Civil Drafter, Electronic Drafter, Cost Estimator; Product Safety Engineer, Occupational Health and Safety Technician, Construction and Building Inspector

SkillsUSA is a partnership of students, teachers and industry working together to serve middle school, high school and college/postsecondary students preparing for careers in trade, technical and skilled service occupations. CCSD students compete in state and national SkillsUSA events to showcase their skills, earning awards – and interest from employers.

ARTS, A/V TECHNOLOGY AND COMMUNICATION

POSSIBLE CERTIFICATIONS TO EARN

- Adobe Premier Pro
- Adobe Photoshop
- Adobe Illustrator

Audio/Video Technology and Film

Course of Study

- Audio/Video Technology and Film
- Audio/Video Technology and Film II
- Audio/Video Technology and Film III or Broadcast/Video Production Application

CHS

CVHS

EHS

RRHS

SHS

WHS

The Arts, A/V Technology and Communications Career Cluster includes designing, producing, exhibiting, performing, writing and publishing multimedia content. CCSD offers three Pathways in this cluster, with Audio/Video Technology and Film offered at all six high schools. Sequoyah's program is industry certified. Programs have a strong tie to the Georgia Film Institute.



A/V Film Occupations	Education Needed	Median Wage
Videographer	High School Diploma	\$61,800
Audio/Video Technician	Postsecondary Certification	\$59,620
Film & Video Editor	Bachelor's Degree	\$65,070

Graphic Design Occupations	Education Needed	Median Wage
Production Artist	Bachelor's Degree	\$62,790
Graphic Designer	Bachelor's Degree	\$58,910
Art Director	Bachelor's Degree	\$106,500

Graphic Design

Course of Study

- Introduction to Graphics and Design
- Graphic Design and Production
- Advanced Graphic Design

CVHS

WHS

CAREER POSSIBILITIES

Audio and Video Technician, Camera Operator, Film and Video Editor, Set Construction, Hair and Makeup Assistant, Casting Director, Location Scout, Creative Director, Production Artist, Branding Identity Design, Marketing & Advertising, Web Design, Graphic Illustrator

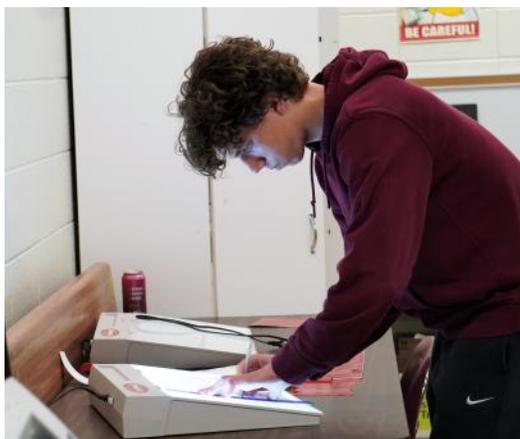
Graphic Communications

Course of Study

- Introduction to Graphics and Design
- Graphic Design and Production
- Advanced Graphic Output Processes

CVHS

WHS



EDUCATION AND TRAINING

COLLEGE CREDIT:

- University System of GA awards 3 hours of college credit upon completion of exam

Early Childhood Care and Education I and II

Course of Study

- Early Childhood Education I
- Early Childhood Education II
- Early Childhood Education III or Early Childhood Education Practicum

CHS

WHS

TCSG

Teaching as a Profession

Course of Study

- Examining Teaching as a Profession
- Contemporary Issues in Education
- Teaching as a Professional Practicum

CVHS

RRHS

SHS

Career Technical Student Organizations

- Future Georgia Educators
- Family Career and Community Leaders of America



There are two Pathways found under this cluster area: Early Childhood Education and Teaching as a Profession. Students are prepared to plan, manage and provide education and training services, and related learning support services. Students can take the NOCTI (National Occupational Competency Testing Institute) Georgia Teaching as a Profession exam. Students admitted to a University System of Georgia institution who successfully completed either the Teaching as a Profession Pathway or Early Childhood Care and Education Pathway will receive three (3) college credit hours in lieu of one of the following courses as determined by the individual institution: EDUC 2110 or EDUC 2120 or EDUC 2130. Successful completion is defined as: 1. Passing either set of three pathway courses listed here with a C or better: 2. Completion of a portfolio as part of the Pathway's course requirements 3. Passing of an approved statewide End of Pathway Assessment.

Education Occupations	Education Needed	Median Wage
Childcare worker	High School Diploma	\$30,730
Paraprofessional	Associate's Degree	\$35,550
Teacher	Bachelor's Degree	\$63,670

CAREER POSSIBILITIES

Childcare Provider, Childcare Manager, Preschool Teacher, Teacher Assistant/Paraprofessional, Classroom Teacher, School Administrator, Social Worker, School Counselor, Media Specialist, School Psychologist, Instructional Coordinator, Recreation Worker, Coach



- ServSafe Food Handler
- ServSafe Food Manager

Nutrition and Food Science

Course of Study

- Food, Nutrition and Wellness
- Food for Life (S)
- Food Science (S)



The Human Services Career Cluster prepares students for post secondary education and careers in the business-related aspect of family and consumer sciences. It provides opportunities to develop the knowledge, skills, attitudes and behaviors that students need to become responsible citizens and leaders; and to manage the challenges of living and working in a diverse global society.

In addition to classroom/laboratory instruction, which aids in the development of academic and technical skills, the Family and Consumer Sciences program also includes participation in the Family Career and Community Leaders of America (FCCLA), a career and technical student organization. FCCLA provides an array of activities to enhance student academic and technical competencies and develop leadership and communication skills.



Nutrition Occupations	Education Needed	Median Wage
Food Service Manager	High School Diploma	\$63,060
Dietician	Bachelor's Degree	\$69,680
Food Scientist/Tech	Bachelor's Degree	\$88,350

CAREER POSSIBILITIES

Food Chemist, Food Engineer, Nutritionist, Food Scientist, Food Processing Operations Manager, Food Science Manager, Production Manager, Product Nutrition Science Manager, Food Safety Program Manager, Sales Manager, Caterer, Baker



Career Technical Student Organizations

- Family Career and Community Leaders of America



GOVERNMENT AND PUBLIC ADMINISTRATION

- JROTC counts for required PE credit
- JROTC can lead to college credit and/or scholarships

JROTC Air Force

Course of Study

- Aerospace Science: Aviation History/Leadership
- Aerospace Science: Flight Science (S)
- Aerospace Science: Global/Cultural Studies
- Aerospace Science: Space Exploration/Leadership
- Aerospace Science: Cadet Corps Mgmt/Leadership

CHS

EHS

RRHS

SHS

JROTC Army

Course of Study

- JROTC Army Leadership Education I
- JROTC Army Leadership Education II
- JROTC Army Leadership Education III
- JROTC Army Leadership Education IV
- JROTC Army Leadership Education V

CVHS

JROTC Navy

Course of Study

- Naval Science I Cadet Field Manual
- Naval Science I Introduction to NJROTC
- Naval Science: Maritime History
- Naval Science III Naval Orientation & Skills
- Naval Science IV Effective Communications

WHS

The Government and Public Administration Career Cluster includes the planning and performing of government management and administrative functions at local, state and federal levels. Careers are available in national security, foreign service, revenue and regulations. The JROTC military branches of Pathway courses offer the chance to provide students preparation for leadership development, military studies and postsecondary education readiness. Student activities include Riflery Team, Raiders and Color Guard.

Military Occupations	Education Needed	Median Wage
General Enlisted	High School Diploma	\$52,930
Commissioned Officer	High School Diploma	\$85,600
Nuclear Reactor Operator	High School Diploma	\$121,240

CAREER POSSIBILITIES

Enlisted Soldier, Commissioned Officer, Pilot, Auto Maintenance, Warrant Officer, Linguist, Operations Specialist, Medical, Clerical, Police Officer, Communications Specialist, Air Traffic Controller, Avionics Technician, Heavy Equipment Mechanic, Electrician, Logistics Specialist, Recruiting/Retention Specialist, Office Manager



HEALTH SCIENCE

POSSIBLE CERTIFICATIONS TO EARN

- OSHA Health Certification
- CPR Certification
- National Health Science Assessment
- Athletic Training Student Aide
- NASM: Certified Personal Trainer
- CNA: Certified Nursing Assistant

Therapeutic Services

Course of Study

- Introduction to Healthcare Science
- Essentials of Healthcare (S)+

Patient Care Pathway

- Patient Care Fundamentals



Sports Medicine Pathway

- Sports Medicine (S)



Allied Health & Medicine Pathway

- Allied Health & Medicine



Exercise Physiology Pathway

- Fundamentals of Exercise Physiology



Diagnostics/Clinical Lab

Course of Study

- Introduction to Healthcare Science
- Essentials of Healthcare (S)+
- Clinical Lab I



Career Technical Student Organizations

- HOSA – Future Health Professionals. HOSA provides a unique program of leadership development, motivation and recognition exclusively for secondary, postsecondary, middle school, adult and collegiate students enrolled in health science education and biomedical science programs or have interests in pursuing careers in health professions.

Healthcare Science Pathways are designed to provide students the opportunity to explore careers in healthcare. This course of study will provide students with a smooth transition into post-secondary nursing, medical or allied health education or the ability to acquire an entry level medical position in the workforce or the military. Students are exposed to general healthcare knowledge and skills and are then encouraged to pursue a more in-depth study in the career area they are interested in through the appropriate Career Pathway.

Healthcare Occupations	Education Needed	Median Wage
Certified Nursing Asst (CNA)	Certification	\$38,140
Physician Assistant	Master's Degree	\$130,020
Registered Nurse	Bachelor's Degree	\$86,070

CAREER POSSIBILITIES

Occupational Therapist, Clinical Nurse Specialist, Nursing Instructor/Professor, Pediatrician, Internist, Family and General Physician, Obstetrician/Gynecology, Physical Medicine/Rehabilitation Physician, Hospitalist, Physical Therapist, Critical Care Nurse, Nurse Practitioner, Licensed Practical Nurse, Nuclear Medicine Physician, Physician Assistant, Registered Nurse



(S) satisfies fourth science credit requirement

(S) + earns two high school credits, CTAE + anatomy

INFORMATION TECHNOLOGY

POSSIBLE CERTIFICATIONS TO EARN

- AWS Certified Cloud Practitioner - Fundamentals
- CompTIA Security +
- Microsoft Office Specialist
- Unity Certified Associate
- NOCTI Comp Sci EOPA

Computer Science

Course of Study

- Introduction to Software Technology
- Computer Science Principles (S) or AP Computer Science Principles (S)
- AP Computer Science (S)



Cybersecurity

Course of Study

- Introduction to Hardware Technology
- Introduction to Cybersecurity
- Advanced Cybersecurity



Game Design

Course of Study

- Introduction to Software Technology
- Computer Science Principles (S) or AP Computer Science Principles (S)
- Game Design: Animation and Simulation (S)



Web Development

Course of Study

- Introduction to Software Technology
- Computer Science Principles (S) or AP Computer Science Principles (S)
- Web Development (S)



Career Technical Student Organizations

- TSA
- First Robotics of Georgia
- Skills USA



(S) satisfies fourth science credit requirement

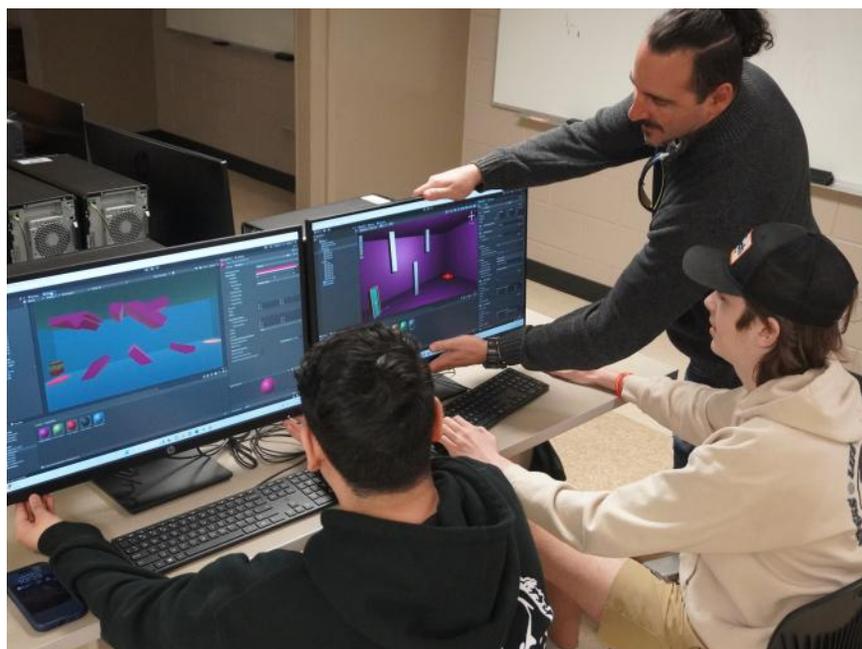
The Information Technology Career Cluster is focused on building linkages in information technology occupations for entry level, technical and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services. Computer Science is offered at all six traditional CCSD high schools.

Computer Science Occupations	Education Needed	Median Wage
Computer Programmer	Bachelor's Degree	\$99,700
Computer Support Specialist	High School Diploma	\$60,810
Computer Network Architect	Bachelor's Degree	\$129,840

Cybersecurity Occupations	Education Needed	Median Wage
Information Security Analyst	Bachelor's Degree	\$120,360
Security Information Specialist	High School Diploma	\$85,800
Vulnerability Assessment Engineer	Bachelor's Degree	\$138,175

CAREER POSSIBILITIES

IT Project Manager, Computer and Information Systems Manager, Computer Network Architect, Computer Systems Analyst, Computer Systems Engineer/Architect, Computer and Information Research Scientist, Network and Computer Systems Administrator, Systems Software Developer, Software Quality Assurance Engineer and Tester, Web Administrator, Computer Programmer, Computer User Support, Game Designer, Website Designer



LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

- Certifications or College Credit
- NOCTI Criminal Justice
 - FEMA Community Preparedness Certification



Firefighting

Course of Study

- Introduction to Law, Public Safety, Corrections and Security
- Essentials of Fire and Emergency Services
- Applications of Firefighting

WHS

Emergency Medical Technician

Course of Study

- Introduction to Law, Public Safety, Corrections and Security
- Essentials of Fire and Emergency Services
- Emergency Medical Technician

WHS

Law Enforcement: Criminal Investigations

Course of Study

- Introduction to Law, Public Safety, Corrections and Security
- Criminal Justice Essentials
- Criminal Investigations

WHS

TCSG

Law Enforcement: Forensic Science

Course of Study

- Introduction to Law, Public Safety, Corrections and Security
- Criminal Justice Essentials
- Forensic Science and Criminal Investigations (S)

CHS

CVHS

EHS

RRHS

Security and Protective Services

Course of Study

- Introduction to Law, Public Safety, Corrections and Security
- Criminal Justice Essentials
- Security and Protective Services

CVHS

The Law, Public Safety, Corrections and Security Career Cluster is focused on planning, managing and providing legal, public safety and protective services and homeland security, including professional and technical support services.

Public Safety Occupations	Education Needed	Median Wage
Firefighter	High School Diploma	\$57,120
Police Officer	High School Diploma	\$74,910
Probation Officer	Bachelor's Degree	\$61,800
Attorney	Bachelor's Degree + Law School	\$145,760



CAREER POSSIBILITIES

Lawyer, Law Professor, Judge/Magistrate, Administrative Law Judge/Adjudicator, Probation Officer/Correctional Treatments Specialist, Sheriff/Deputy Sheriff, Private Detective/Investigator, Judicial Law Clerk, Criminal Investigator/Special Agent, Forensic Scientist, Court Reporter, Police Detective, Police Patrol Officer, Paralegal and Legal Assistant, Firefighter, EMT, Fire Marshall, Training Officer

MARKETING

Marketing and Management

Course of Study

- Marketing Principles
- Marketing and Entrepreneurship
- Marketing Management

CVHS

SHS



The Marketing Pathway is designed to prepare students for postsecondary education and careers in marketing, management and entrepreneurship. Students develop knowledge and skills in the foundational areas of marketing (economics, human relations and business basics) and the functional areas of marketing (product and service planning, marketing-information management, purchasing and pricing, selling and promotion, risk management, financing and distribution/logistics).



Marketing Occupations	Education Needed	Median Wage
Sales Representative	High School Diploma	\$73,080
Market Research Analyst	Bachelor's Degree	\$74,680
Marketing Manager	Bachelor's Degree	\$156,580

CAREER POSSIBILITIES

Entrepreneur, Small Business Owner, Franchisee, Customer Service Representative, Human Resource Representative, Public Relations Manager, Clerical, Marketing, Advertising Account Executive, Store Manager, Sales Representative, Copywriter, Promotions Manager

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

POSSIBLE CERTIFICATIONS TO EARN

- Certification for Autodesk Revit
- Autodesk Inventor Certified User
- OSHA 10

Engineering and Technology

Course of Study

- Foundations of Engineering and Technology
- Engineering Concepts
- Engineering Applications

CHS

CVHS

RRHS

Engineering Drafting and Design

Course of Study

- Introduction to Drafting and Design
- Survey of Engineering Graphics
- 3D Modeling and Analysis

EHS

SHS

WHS



The STEM Career Cluster is focused on planning, managing and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.



STEM Occupations	Education Needed	Median Wage
Avionics Technician	Associate's Degree	\$77,080
Electrical Engineer	Bachelor's Degree	\$109,010
Aerospace Engineer	Bachelor's Degree	\$130,720

CAREER POSSIBILITIES

Aerospace Engineer, Chemical Engineer, Communications Engineer, Civil Engineer, Electrical Engineer, Materials Lab & Supply Technician, Technical Writer, Textile Engineer, Statistician, Computer Information Manager, Medical Scientist, Researcher, Chemist, Environmental Scientist, Conservation Scientist, Climate Change Policy Analyst

Career Technical Student Organizations

- TSA

TRANSPORTATION, DISTRIBUTION AND LOGISTICS

POSSIBLE CERTIFICATIONS TO EARN

- ASE (Automotive Service Excellence)
- FAA107
- FAA Part 61

General Automotive Technology

Course of Study

- Automotive Technologies I
- Automotive Technologies II
- Automotive Technologies III

CHS

SHS

EHS

TCSG

Flight Operations

Course of Study

- Fundamentals of Aerospace
- Flight Operations I
- Flight Operations II

WHS

Unmanned Aircraft Systems

Course of Study

- Fundamentals of Aerospace
- Flight Operations I
- Unmanned Aircraft Systems

WHS



The Transportation, Distribution and Logistics Career Cluster is focused on planning, management and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional support services such as transportation infrastructure planning and management, logistics services, supply chain management, mobile equipment and facility maintenance.

Transportation Occupations	Education Needed	Median Wage
Automotive Body Repair	High School Diploma	\$48,450
Automotive Master Mechanic	Associate's Degree	\$61,780
Commercial Drone Pilot	High School Diploma	\$50,000
Airline Pilot	Bachelor's Degree	\$138,000
Aerospace Engineer	Bachelor's Degree	\$130,720



Career Technical Student Organizations

- Skills USA



CAREER POSSIBILITIES

Auto Mechanic, Auto Body Repair, Auto Master Mechanic, Auto Appraiser, Diesel Mechanic, Airplane Mechanic, Commercial Pilots, Air Traffic Controller, Flight Engineer, Truck Driver, Cargo Handling Supervisor, Avionics Technician, Drone Operator

HOSPITALITY AND TOURISM

Sports and Entertainment Marketing

Course of Study

- Marketing Principles
- Introduction to Sports and Entertainment Marketing
- Advanced Sports and Entertainment Marketing

RRHS

CAREER POSSIBILITIES

Sports Team Marketing, Entertainment Marketing, Event Management, Event Planning, Event Production, Facility Management, Public Relations, Sports Agent, Sports Information, Social Media Manager, Sporting Goods Retail, Promoter.



Students in the Sports and Entertainment Pathway will apply their knowledge and skills to this industry in order to master the industry's terminology, market arenas and venues, obtain sponsorships, maintain solid media relations, coordinate and manage campaigns and events, etc. This pathway culminates with an opportunity for students to take the MBA Research "A*S*K Marketing Concepts" end of pathway assessment or the NOCTI "Marketing Education Manager Trainee" end of pathway assessment. Students may earn a credentialing certificate.

Hospitality Occupations	Education Needed	Median Wage
Sporting Goods Sales	High School Diploma	\$36,690
Event Planner	Associate's Degree	\$56,920
Sports/Actor Agent	Bachelor's Degree	\$132,810
Sports Information	Bachelor's Degree	\$56,990
Sports/Event Marketing	Bachelor's Degree	\$67,430



TCSG

Pathways that Can Lead to Technical College Credit

Students must complete the Pathway and pass the End of Pathway Assessment

TCSG

Architecture & Construction Career Cluster

- ◇ Architectural Drafting (Architectural Drawing & Design)
- ◇ Drafting Technology (Engineering Drafting & Design)
- ◇ Electrical
- ◇ NCCER Construction (EHS Only)
- ◇ Welding

Education & Training Career Cluster

- ◇ Early Childhood Education

Health Science Career Cluster

- ◇ Patient Care Technician

Information Technology Career Cluster

- ◇ Certified Cloud Computing
- ◇ Cybersecurity

Law, Public Safety, Corrections & Security Career Cluster

- ◇ Criminal Justice

Technology, Engineering & Mathematics Career Cluster

- ◇ Drafting Technology (Engineering Drafting & Design)

Transportation, Distribution & Logistics Career Cluster

- ◇ Automotive Technician

WORK-BASED LEARNING OFFERS BENEFITS FOR STUDENTS AND EMPLOYERS

The Cherokee County Work-Based Learning Program is an educational opportunity for juniors and seniors who have an identified career objective to obtain experience and skills in a workplace setting and begin working in their career pathway while still in high school.

Students have the opportunity to connect what they learn in school with work-site application, enabling a smooth transition into the work force and/or education beyond high school. Contact the coordinator at your school for more information.



980 Work-Based Learning Students

724 Work-Based Learning Employers

\$5.99 Million
Work-Based Learning Student Earnings

DISCOVER YOUR CAREER STRENGTHS IN 'YOUSCIENCE'

YouScience is an online career aptitude assessment provided by the Georgia Department of Education for all CCSD students at no cost, beginning in sixth grade. Students take a series of aptitude tests and interest surveys to determine their strengths and skillsets. YouScience then matches those results with possible secondary education choices and careers.

Filters allow students and parents to sort colleges based on cost and location and sort potential careers by education required. Results allow students, parents and counselors to plan a student's Individual College & Career Plan and beyond. YouScience can be accessed via a student's Canvas account: select SLDS and then My Career Plan.

Student YouScience accounts remain active for 10 years, should you wish to revisit the program at a later date and review career choices.

SCIENCE CREDITS

Pathway Courses that also meet the fourth science credit required for graduation:

- Animal Science Technology/Biotechnology
- General Horticulture and Plant Science
- Food Science
- Food for Life
- Essentials of Healthcare (counts for 2 credits, including Anatomy & Physiology)
- Sports Medicine
- Computer Science Principles
- AP Computer Science Principles
- AP Computer Science
- Game Design: Animation and Simulation
- Web Development
- Forensic Science and Criminal Investigations
- Aerospace Science: Flight Science

Courses are indicated by (S) or (S)+ in this handbook

Note: this credit does **not** require completion of the pathway and differs from the credit awarded under CTAE+; please see p. 19 for details.

DUAL ENROLLMENT: PLAN EARLY TO MEET DEADLINES

Georgia's Dual Enrollment (DE) program allows high school students to earn college credit while working on their high school diploma. DE makes it easy for students and parents to navigate and take advantage of the available options to enroll in college courses while still in high school. Students in grades 10-12 may participate full time (attending all classes on a college campus) or part time (split their day and schedule between college and high school locations). Georgia's DE program now covers tuition, mandatory fees and required textbooks for up to 30 hours (two full semesters of credit) per student.

Students must meet the DE admissions requirements set by the participating postsecondary institution they wish to attend. Those requirements may include a minimum grade level and/or age requirement.

To participate in DE, students must complete the CCSD DE Participation Form and meet with their school counselor prior to specific deadlines – dates for 2026-27 will be updated on the [CCSD DE website](#). Deadlines for the next school year are typically in March/April, so begin planning early!

CTAE+ OFFERS NEW GRAD CREDIT OPTIONS FOR PATHWAY COURSES

CTAE+ is a new initiative from the Georgia Department of Education to recognize the skills and mastery that students develop in their CTAE pathways by providing opportunities for students to meet some academic graduation requirements through pathway completion. Any high school student may take advantage of CTAE+ beginning in the 2024-25 school year, regardless of the grade in which they are enrolled. A student may use CTAE+ credit up to three times: to meet the 4th English/Language Arts credit required for graduation; to meet the 4th Mathematics credit required for graduation; and/or to meet the 4th Science credit required for graduation. A student must pass all three courses required in a specific pathway to be eligible for CTAE+ credit.

Cherokee County School District awards a P (Pass) as a grade for CTAE+ credit. This will not impact the calculation of Grade Point Average (GPA) for HOPE purposes. It will also not impact GPA for class rank-

Interested students should visit the [State Department of Education Dual Enrollment website](#) and [Georgia Futures](#) to learn more.

DE Courses on Campus

- Chattahoochee Technical College conducts dual enrollment classes for specific programs on site after regular school hours. For 2026-27, Creekview HS will host DE classes for the Certified Nursing Assistant (CNA) program.

Accelerated Career Diploma

Accelerated Career pathways offer qualified students a unique path to high school graduation. Students choose to simultaneously earn a high school diploma and a college Associate Degree, Technical Diploma, or two Technical Certificates of Credit in a specific career pathway. Some of the required high school courses may be taken under the state-funded Dual Enrollment program. Ask your counselor for more information or reach out to a technical college— this pathway should be started in 9th or 10th grade in order to plan successfully for completion.

ing purposes. CTAE+ credit is recognized by the Technical College System of Georgia (TCSG) but not by the University System of Georgia (USG). It will not meet admissions requirements for most four-year universities.

The following are pathways that CCSD offers that will meet the CTAE+ credit for pathway completion:

MATHEMATICS

Agricultural Mechanics Systems (CVHS)
Engineering & Technology (CHS, CVHS, RRHS, WHS)
Engineering Drafting & Design (EHS, SHS, WHS)

SCIENCE

Flight Operations (C3 Academy)
Unmanned Aircraft Systems (C3 Academy)

ENGLISH/LANGUAGE ARTS

Audio-Video Technology & Film (all CCSD high schools)
Graphic Communications (CVHS, WHS)
Business & Technology (i-Grad)

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