



2024-2025 CTE PROGRAMS BY HIGH SCHOOL

CAREER CLUSTERS & CAREER PATHWAYS

	Academy @ Smith	Andrews	Dudley	Eastern	Grimsley	Kearns Academy	High Point Central	MC @ NC A& T	MC @ UNG	Newcomer's-GSO	Newcomer's-HP	Northeast	Northern	Northwest	Page	Ragsdale	Smith	Southeast	Southern	Southwest	STEM EC @ NCA&T	Weaver	Western
AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER																							
Animal Science Pathway																		✓	✓				
Plant Systems Pathway				✓														✓	✓				
ARCHITECTURE CLUSTER																							
Carpentry Pathway		✓		✓	✓														✓				✓
Drafting Architectural Pathway				✓			✓						✓			✓				✓			✓
Electrical Trades Pathway					✓										✓				✓				
Heating, Ventilation and AC Pathway																							✓
Interior Design Pathway																		✓		✓			
Masonry Pathway																							✓
ARTS, A/V TECHNOLOGY, & COMMUNICATIONS CLUSTER																							
Adobe Academy Pathway																✓					✓		✓
Apparel & Textile Production Pathway				✓																			✓
Digital Design and Animation Pathway		✓		✓			✓					✓	✓	✓	✓	✓		✓		✓	✓		
Game Art Design Pathway							✓										✓	✓	✓	✓	✓		✓
Media Productions Pathway																							✓
BUSINESS MANAGEMENT & ADMINISTRATION CLUSTER																							
Entrepreneurship Pathway			✓	✓	✓		✓	✓	✓			✓		✓		✓	✓	✓	✓	✓			✓
General Management Pathway		✓	✓	✓	✓		✓					✓		✓		✓	✓	✓	✓	✓			✓
Project Management Pathway																							
EDUCATION & TRAINING CLUSTER																							
Teacher/Training Pathway																		✓					
FINANCE CLUSTER																							
Accounting Pathway				✓								✓	✓	✓	✓	✓					✓		
Financial Planning Pathway															✓	✓	✓						
HEALTH SCIENCE CLUSTER																							
Healthcare Professional Pathway	✓	✓	✓	✓	✓		✓		✓			✓	✓	✓	✓	✓		✓	✓	✓		✓	✓
<i>Signature Career Academy: Pharmacy Technician Pathway</i>	✓																						
<i>Signature Career Academy: PLTW Biotechnology Research Pathway</i>	✓																						
HOSPITALITY & TOURISM CLUSTER																							
Culinary Arts Applications Pathway																							✓
Culinary Arts Internship Pathway							✓																
Sport & Event Marketing Pathway		✓			✓		✓						✓	✓		✓	✓	✓	✓	✓			✓
Hospitality & Tourism Pathway													✓	✓		✓	✓			✓			

Career & Technical Education (CTE) in Guilford County Public Schools offers a comprehensive Career and Technical Education program for students in middle and high schools. Guilford County Public Schools does not discriminate based on race, color, national origin, sex (including parental and marital status), disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. This notice is provided by the Title VI of the Civil Rights Act of 1965, Section 504 of the rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age of Discrimination Act of 1975, and the American Disability Act of 1990. Direct inquiries or complaints regarding Title IX should be sent to the Guilford County Schools' Compliance Officer at 336-370-8154. Direct inquiries or complaints regarding Section 504 should be sent to the Director of Exceptional Children at 336-370-8103.



2024-2025 CTE PROGRAMS BY HIGH SCHOOL

CAREER CLUSTERS & CAREER PATHWAYS

Academy @ Smith	Andrews	Dudley	Eastern	Grimsley	Kearns Academy	High Point Central	MC @ NC A& T	MC @ UNCG	Newcomer's-GSO	Newcomer's-HP	Northeast	Northern	Northwest	Page	Ragsdale	Smith	Southeast	Southern	Southwest	STEM EC @ NC A&T	Weaver	Western
-----------------	---------	--------	---------	----------	----------------	--------------------	--------------	-----------	----------------	---------------	-----------	----------	-----------	------	----------	-------	-----------	----------	-----------	------------------	--------	---------

HUMAN SERVICES CLUSTER

Counseling & Mental Health Pathway	✓	✓	✓			✓									✓							
Early Childhood Development & Services Pathway		✓	✓	✓		✓					✓	✓	✓		✓	✓	✓	✓	✓			

INFORMATION TECHNOLOGY CLUSTER

CISCO Network Engineering Technology Pathway						✓																✓
Computer Engineering Technology Pathway			✓			✓					✓		✓									
Computer Science Pathway		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
Data Science Pathway						✓					✓											
Python Programming Pathway						✓					✓											
<i>Signature Career Academy: Artificial Intelligence Pathway</i>						✓					✓											
<i>Signature Career Academy: Cybersecurity Pathway</i>						✓					✓											

LAW, PUBLIC SAFETY, CORRECTION & SECURITY CLUSTER

Emergency Management Pathway												✓							✓			
Emergency Medical Technology Pathway															✓							
Firefighter Technology Pathway											✓											
Law & Justice Pathway													✓									
Public Safety Pathway													✓									

MANUFACTURING CLUSTER

Electronics Pathway																						✓
Metals Manufacturing Pathway																						✓
Woodworking Pathway						✓																
<i>Signature Career Academy: Advanced Manufacturing Pathway</i>																✓	✓					

MARKETING CLUSTER

Marketing Management Pathway			✓								✓		✓						✓			✓
Sales Pathway			✓			✓					✓		✓	✓		✓						

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS CLUSTER

Drafting Engineering Pathway											✓	✓	✓									
Engineering Technology Pathway			✓	✓							✓		✓		✓	✓	✓	✓	✓			
PLTW Engineering Pathway		✓																				
<i>Signature Career Academy: PLTW Engineering Pathway</i>																✓						

TRANSPORTATION, DISTRIBUTION, & LOGISTICS CLUSTER

Automotive Services Pathway		✓	✓																✓			✓
Aviation Pathway		✓																				
Collision Repair Pathway																	✓					✓
Diesel Technology Pathway																						✓
Drone Technology Pathway		✓																				
<i>Signature Career Academy: Drone Technology Pathway</i>																						✓
<i>Signature Career Academy: Global Logistics & Supply Chain Management Pathway</i>																						✓