



2021-2022 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	Northeast	Northern	Northwest	Page	Ragsdale	Smith	Southeast	Southern	Southwest	STEM EC @ NC A&T	Weaver	Western
AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER																					
Animal Science Pathway																✓	✓				
Food Products and Processing Systems Pathway		✓	✓																		
Plant Systems Pathway				✓												✓	✓				
ARCHITECTURE CLUSTER																					
Carpentry Pathway		✓		✓	✓											✓	✓				✓
Drafting Architectural Pathway				✓			✓				✓		✓					✓			✓
Electrical Trades Pathway													✓								
Heating, Ventilation and AC Pathway																					✓
Interior Design 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 Securities & Investments Pathway												✓	✓	✓							
HEALTH SCIENCE CLUSTER																					
Healthcare Professional Pathway	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓
Pharmacy Technician Pathway																	✓				
Signature Career Academy: Pharmacy Technician Pathway	✓																				
Signature Career Academy: PLTW Biotechnology Research Pathway	✓																				
HOSPITALITY & TOURISM CLUSTER																					
Culinary Arts Applications Pathway																					✓
Culinary Arts Internship Pathway							✓														
Sports & Entertainment Marketing Pathway		✓			✓		✓					✓		✓	✓	✓	✓	✓			
Travel & Tourism Pathway																		✓			



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HUMAN SERVICES CLUSTER																					
Early Childhood Development & Services Pathway		✓	✓	✓	✓		✓			✓	✓	✓		✓	✓	✓	✓	✓			
Signature Career Academy: Counseling & Mental Health Pathway	✓																				
INFORMATION TECHNOLOGY CLUSTER																					
CISCO Network Engineering Technology Pathway							✓				✓										✓
Computer Engineering Technology Pathway				✓			✓			✓		✓									
Computer Science Pathway		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
Python Programming Pathway						✓										✓					
Signature Career Academy: Artificial Intelligence Pathway						✓				✓											
Signature Career Academy: Cybersecurity Pathway						✓				✓											
LAW, PUBLIC SAFETY, CORRECTION & SECURITY CLUSTER																					
Emergency Management Pathway											✓										
Public Safety Pathway											✓										
MANUFACTURING CLUSTER																					
Electronics Pathway		✓					✓														✓
Metals Manufacturing Pathway																					✓
Signature Career Academy: SREB Integrated Production Pathway															✓						
MARKETING CLUSTER																					
Marketing Management Pathway			✓							✓							✓				✓
Sales Pathway			✓							✓			✓		✓						
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS CLUSTER																					
Drafting Engineering Pathway		✓								✓	✓	✓									
Engineering Technology Pathway			✓	✓						✓		✓		✓	✓	✓	✓	✓			
Signature Career Academy: PLTW Engineering Pathway															✓						
TRANSPORTATION, DISTRIBUTION, & LOGISTICS CLUSTER																					
Automotive Services Pathway		✓	✓														✓				✓
Aviation Pathway		✓																			
Collision Repair Pathway																✓					✓
Diesel Technology Pathway																					✓
Signature Career Academy: Drone Technology Pathway																					✓
Signature Career Academy: Global Logistics & Supply Chain Management 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, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following official has been designated to handle inquiries regarding the non-discrimination policies and inquiries that should be directed to the Guilford County Schools Compliance Officer, 120 Franklin Boulevard, Greensboro, NC 27401, 336-370-2323. This notice is provided as required by the Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the American Disability Act of 1990.