
CTE FAQ

What is CTE?

Career Technical Education, also referred to as CTE, is a multi-year sequence of courses that integrates core academic knowledge with technical and occupational knowledge to provide students with a pathway to post-secondary education and careers.

What is the CTE Why?

Career and Technical Education (CTE) prepares all students for **high-skill, high-wage, or in-demand careers**. The experience begins with career inspiration in Pre-K, awareness in elementary school, exploration in middle school, and preparation in high school. CTE equips students for **post-secondary education and immediate employment** opportunities to compete worldwide successfully.

What is a Career Pathway?

Each career pathway offers a variety of courses that align with a specific career/industry goal that leads to content area specialization.

[Middle School Pathways](#)

[High School Pathways](#)

What is a career cluster?

A group of related career specialties/pathways.

Ex. The Agriculture, Food & Natural Resources Cluster includes the following pathways:

- Animal Science Pathway
- Food Products & Processing Systems Pathway
- Plant Systems Pathway

What is a concentrator?

A concentrator is a student who elects to focus in a CTE pathway will take a required sequence of courses and must earn two or three credits within a Career Cluster that is aligned with a student's potential career or post-secondary plan.

What are industry-recognized credentials?

A CTE Concentrator signifies proficiency of industry knowledge by obtaining an industry-recognized credential, which is the ability to perform specific tasks that provides evidence of authority, status, rights, and entitlement to privileges.

[List of Credentials by Course](#)

How do credentials benefit students?

CTE courses for which the POL is identified as a credential allow students to earn the approved industry-recognized credential(s) after they have been properly trained and prepared.

What is a Career and College Manager (CCM)? A Career and College Manager is a career facilitating agent, who works to ensure students are guided into a talent pipeline for in-demand, high- skilled and/or high-wage occupations that align with the student's passions, knowledge, skills and interests. **Career and College Managers are Intentional in Preparation and Experiences!** From enrollment verification, student credential potential and attainment, industry-recognized credentials, concentrators, college credits, employability skills, WBL (Work-Based Learning), and mentorships to evidence of mastery of a skill or trade before students graduate high school.

What is a CTE Lead Teacher?

A CTE Lead Teacher is a liaison between the CTE District office and school-level CTE Teachers. The role of a CTE Lead Teacher exists at every middle and high school that offers CTE courses. Their primary role is to assist in compiling consumable supply and classroom equipment orders for all CTE teachers at their school. CTE Lead Teachers also compile and submit annual CTE equipment and computer inventory.

What is a Pathway Innovator?

CTE Pathway Innovators provide direct curriculum support for new and existing CTE teachers within the same content area clusters/pathway. This support includes classroom/lab innovation, partnerships, simulations, visioning experiences, along with rigorous/relevant and consistent curriculum documents for teaching and learning environments that are full-time face-to-face, virtual, or blended. Any CTE teacher can apply to be a CTE Pathway Innovator for a one-year term during the annual application period.

What is WBL?

Work-Based Learning is an educational strategy that allows students to engage in real-world experiences with community businesses and industry professionals. WBL prepares students for the workplace with employability, academic, and technical skills learned in the classroom. WBL has been a practice for many centuries and is an integral part of Career and Technical Education.

What is GAP?

Guilford Apprenticeship Partners (GAP) is a Public-Private partnership offering an alternative path to attaining a college education for free while also obtaining paid on the job training.

[GAP](#)

What is NC FAME?

The North Carolina Federation for Advanced Manufacturing Education (NCFAME) is an education program that creates a pipeline of highly-skilled workers. The 24-month Advanced Manufacturing Technician (AMT) program gives you hands-on classroom and work experience with leading manufactures.

[NCFAME](#)

What is S.O.A.R.?

As of May 2023, GCS CTE has newly registered a pre-apprenticeship program with the state of North Carolina through courageous partnership with ApprenticeshipNC. The program is called Student Opportunities for Apprenticeship Readiness (S.O.A.R.). Pre-apprenticeship, also known as Youth Apprenticeship, is a program or set of strategies designed to prepare individuals to enter and succeed in a Registered Apprenticeship Program (RAP); and is the best pathway to a RAP. The uniqueness of the GCS CTE S.O.A.R. program is student apprentices are completing CTE career pathways with industry standard curriculum in the aligned apprenticeable occupation, participating in a hands-on Level I and Level II (+) course sequences, inclusive of opportunities to earn industry-recognized credentials and engage in relevant work-based learning. Students will gain direct entry into a RAP upon successful completion of the pre-apprenticeship program. In its inaugural year, S.O.A.R. has three registered occupations: Diesel Mechanic, Electrician/Maintenance, and Medical Assistant along with three business partners: Best Logistics Group (Kernersville, NC); R.D. Graham Electric, LLC (Greensboro, NC); and Bethany Medical (Greensboro, NC). Employers benefit from apprenticeship programs by having a skilled workforce, improving productivity, reducing turnover, customizing training, retaining workers, and fostering workplace diversity.

[Click here to register for S.O.A.R.](#)

What is a Proof of Learning?

A Career and Technical Education (CTE) Proof of Learning (POL) is a defined measure of students' mastery of standards and objectives learned in a CTE course.

[GCS CTE Proof of Learning](#)

What is a Performance Based Measurement?

CTE courses for which the POL is identified as a Performance Based Measurement (PBM) provide students multiple opportunities to demonstrate mastery of course standards and objectives. The PBM may consist of a defined project, portfolio, or other performance-based tasks

What is an Individualized Proof of Learning?

North Carolina's statewide testing policy requires all students with disabilities to participate in the CTE State Assessment Policy by taking the general state mandated tests, with or without accommodations. Students following the Occupational Course of Study and Extended Content Standards will complete an Individualized Proof of Learning based off of the course modified blueprint. Students on this pathway are eligible to earn credentials or complete a Performance Based Measurement, depending on the POL type required for the CTE Course.

What is the rationale for the heading in the CTE pathways?

The reason why we have Course 1, Course 2, and Course 3 in the Cluster and Pathway reference document to clearly define the course sequence for students, parents, and counselors.

For the signature career academies, the headings are defined by grade level to provide explicit guidance for the course sequences specific to those individual sites.

[CTE Cluster and Pathway Reference Document](#)