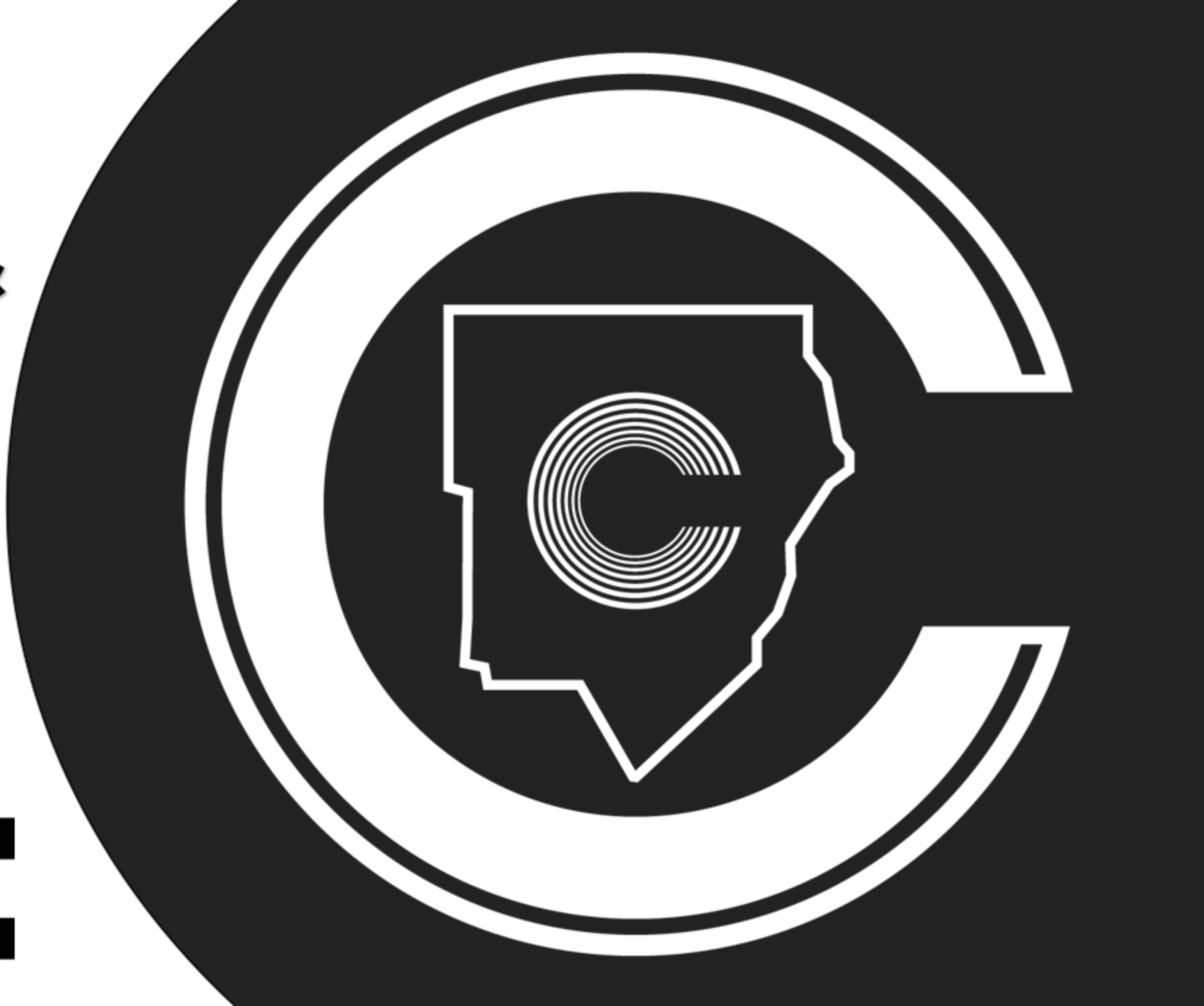
COBB COUNTY
SCHOOL DISTRICT

ONE TEAM
ONE GOAL
STUDENT SUCCESS

Career,
Technical, &
Agricultural
Education

CTAE



What are GA Career Clusters?

CCSD CTAE

16 Career Clusters

In Georgia, CTAE is made up of 17 career clusters:

1. Agriculture, Food, & Natural Resources
2. Architecture & Construction
3. Arts, A/V Technology, & Communications
4. Business Management & Administration
5. Education & Training
6. Energy
7. Finance
8. Government & Public Administration
9. Health Science
10. Hospitality & Tourism
11. Human Services
12. Information Technology
13. Law, Public Safety, Corrections, & Security
14. Manufacturing*
15. Marketing, Sales, & Service
16. Science, Technology, Engineering, & Mathematics
17. Transportation, Distribution, & Logistics

* CCSD does not offer this Cluster

64 CTAE Pathways

CTAE Concentrators have a 98.25% Graduation Rate

72% of CCSD CTAE students earn Industry Credentials

What is a CTAE Pathway?

A pathway is a sequence of three (3) courses in the same career cluster.

What is a CTAE Pathway Concentrator?

To be a pathway concentrator, a student needs to successfully complete two (2) CTAE courses in a pathway.

What is a CTAE Pathway Completer?

To be a pathway completer, a student needs to successfully complete all three (3) CTAE courses in the pathway. CTAE pathway completers that pass the End of Pathway Assessments earn industry credentials of value.

Agriculture
Plant & Landscape

Government & Public Administration
JROTC Pathway

Architecture & Construction
HVAC Pathway

What is an Industry Credential of Value?

A credential of value is an assessment / credentialing opportunity that would not only support the mandates set forth in the Perkins IV Legislation but would also support Georgia students in their quest to leave high school with valuable credentials. The credentials of value offered in GA are comprised of:

- Industry certifications/credentials
- Occupational assessments
- State licensures and state-developed assessments

Industry Credential Examples

What is Work-Based Learning?

Work-Based Learning is a class where students earn credit through a variety of work experiences which allow them to apply the skills they have learned within their pathway of choice.

What is Youth Apprenticeship?

Youth Apprenticeship is a more in-depth application of career skills where students spend a total of 360 hours in the workspace. Students earn credit for these structured combination of school-based and work-based learning.

work-based learning
WBL
focus on the future

Work-Based Learning Diagram:

Over 500 students participated in WBL in SY2022

Georgia YOUTH APPRENTICESHIP focus on the future

work-based learning WBL focus on the future

Work-Based Learning Highlights

What is a Career & Technical Student Organization?

CTSOs served over 2,000 CCSD students in SY2022

Career & Technical Student Organizations provide students with opportunities to apply academic, technical, and employability knowledge and skills necessary in today's workforce. CTSOs served over 2,000 CCSD students through DECA, FBLA, FCCLA, FEA, FFA, HOSA, SkillsUSA, and TSA in SY2022.

GEORGIA DECA

Georgia FBLA

FCCLA GEORGIA STATE ASSOCIATION

FFA

FIRST GeorgiaFIRST Robotics

hosa future health professionals GEORGIA

SkillsUSA GEORGIA

GEORGIA TSA TECHNOLOGY STUDENT ASSOCIATION

CTAE by the Numbers

CTAE is serving over 35,000 CCSD students in SY2023

CTAE is projected to serve over 40,000 CCSD students in SY2024

1 Students

SY2023: 35,000

2 Programs

Clusters: 16
Pathways: 64

3 Special Pops Participation Gains

Female – 23.54%
Economically Disadvantaged – 17.47%
Black – 16.35%
Hispanic – 14.29%
Limited English Proficiency – 10.64%
Students With Disabilities – 9.77%

4 Credentials Earned

SY2022
- 3124 Pathway Completers
- 2240 Credentials Earned

5 Work-Based Learning Participation

SY2022
- 522 Work-Based Learning
- 63 Youth Apprenticeships

CTAE DELIVERS

BOARD PRESENTATION

PATHWAYS PROGRAM

OSBORNE HIGH SCHOOL

COBB COUNTY FIRE & EMERGENCY SERVICES

Firefighting Pilot Program
Osborne HS & CCFD

Cobb County Fire Dept.
Training Center Classroom

Trainees Inspect Equipment & Gear

Confidence Course with Equipment & Gear

Trainees Instructed by CCFD Instructors

Cobb Innovation & Technology Academy

CITA Pathways

What career pathways are offered?

The Cobb Innovation & Technology Academy offers 16 pathways:

Emerging Technologies

1. Cybersecurity
2. Energy and Power
3. Networking

Maker Industries

4. Automotive
5. Carpentry
6. Electrical
7. Heavy Equipment Operator *
8. HVAC
9. Masonry
10. Plumbing
11. Welding

Healthcare & Community Services

12. Clinical Lab
13. Emergency Medical Responder
14. Patient Care
15. Phlebotomy
16. Surgical Technology

*** CITA is piloting this pathway for the Georgia Department of Education**

CITA Applications

Year	Applications
2020-2021	333
2021-2022	433
2022-2023	527
2023-2024	634

CITA
Dual Enrollment

CITA offers several dual enrollment courses on campus. The CITA instructors are credentialed with GaPSC and technical college. The following dual enrollment courses are offered at CITA:

- NAST 2100 Nurse Aide Accelerated
- ALHS 1060 Diet and Nutrition for Allied Health
- ALHS 1090 Medical Terminology for Allied Health Sciences
- ALHS 1011 Structure and Function of the Human Body
- AIRC 1005 Refrigeration Fundamentals
- AIRC 1010 Refrigeration Principles and Practices

CITA Highlights

CITA Saturdays

CITA hosted five (5) community engagement events for CCSD students in 3rd – 8th grades. Students spent the day with CITA teachers and students exploring the various content areas.

Host Facility

CITA has been selected to host a number of state and district events. The following events have been hosted at CITA:

- Future Fest
- Georgia State Board of Education Meeting
- Metro Atlanta Construction Skills Challenge
- SkillsUSA Competition

Industry Certification

CITA has earned industry certification in the following areas:

- Automotive SY 2022 - 2023
- Construction SY 2021 - 2022
- Healthcare SY 2022 - 2023 *

* Healthcare certification concludes in April 2023.

Superintendent's Priorities

- Ensure that Cobb is the best place to teach, lead, and learn.
- Simplify our foundation for teaching and learning in order to prepare for innovation.
- Use data to make decisions.

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