

ALABAMA CAREER AND TECHNICAL EDUCATION

IMPACT REPORT 2022-2023



We Teach
Alabama

ALABAMA STATE DEPARTMENT of EDUCATION

CAREER AND TECHNICAL EDUCATION PREPARES ALABAMA'S FUTURE WORKFORCE

The work of CTE is rooted in the ALSDE Strategic Plan, *Alabama Achieves: A Plan for a New Decade*, and its strategic priority of **College, Career, and Workforce Ready**.



Data provided in this report is from the 2022-2023 academic year, unless otherwise noted.

CTE BY THE NUMBERS



160,312

unique CTE students
in Grades 9-12



517

CTE course being taken



74.83%

of Alabama High School
students currently enrolled
in at least one CTE class



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Alabama**

ALABAMA STATE DEPARTMENT OF EDUCATION



Learning that works for Alabama

CTE

91.90%

of Secondary CTE students had positive placement outcomes one year after graduation, including: military enlistment, employment, advanced technical training, and post-secondary enrollment.

ALABAMA'S SECONDARY CTE PROGRAMS OFFER UNPARALLELED **SCALE** OF IMPACT AND **SCOPE** OF REACH.

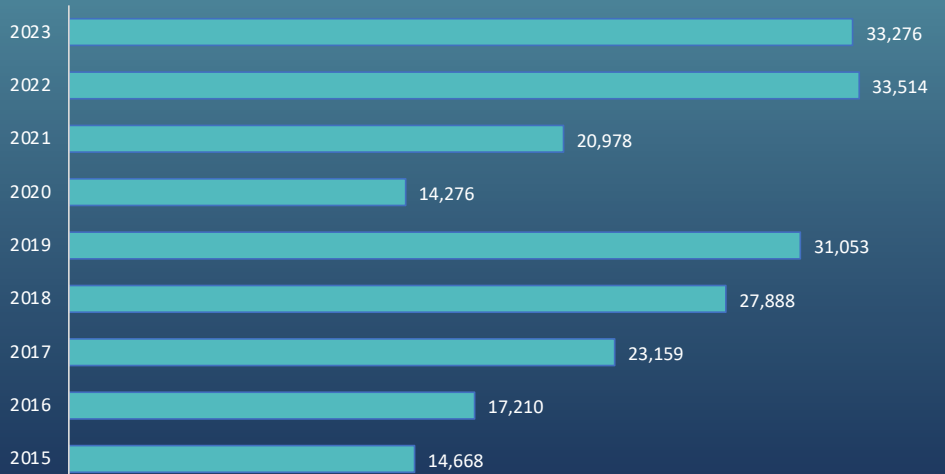
CREDENTIALS

150+ ENDORSED CREDENTIALS



PORTABLE
STACKABLE
TRANSFERABLE
THIRD-PARTY INDUSTRY
RECOGNIZED
DRIVEN BY EMPLOYERS

CREDENTIALS EARNED



**Data reflects audited and researched credentials as of the conclusion of the 2022-2023 year.*

HIGH-WAGE, HIGH-DEMAND INDUSTRIES

Numbers represent all 16 Career Clusters®



ALABAMA'S SECONDARY CTE CREDENTIALING GRANT PROCESS PROVIDES EQUITY AND ACCESS THAT IS THE ENVY OF OTHER STATE CTE PROGRAMS.

CURRICULUM

STEM IS CTE. CTE IS STEM.

**STEM IS TAUGHT BEST IN HANDS-ON ENVIRONMENTS.
THIS IS A SMALL SAMPLING OF CTE COURSES WITH HIGH LEVEL STEM CONTENT.**

- | | | |
|---|--|--|
| Agricultural and Biosystems Engineering | CAD & Computer-Aided Manufacturing | Forensic Science and Crime Scene Investigation |
| Aircraft Engine and Propeller Theory | Character Animation | Fundamentals of Aerospace Technology |
| AP Computer Science | Chemical Services | Introduction to Greenpower |
| Aquatic Biology | Computer Game and Simulation Programming | Kinesiology and Biomechanics |
| Architectural Structural Design | Data Analytics | PLTW Automation and Robotics |
| Artificial Intelligence | Food Safety and Microbiology | |

JROTC BRANCHES

Army
Air Force
Coast Guard
Marine Corps
Navy
Space Force

JROTC

6 Branches
113 Programs
12,000 Students

JOBS FOR ALABAMA'S GRADUATES (JAG)

40 Programs
99% Grad Rate
88% Full-time Jobs

**Data for Class of 2022*

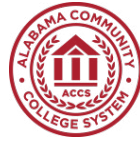


SECONDARY CTE PROGRAMS UTILIZE NATIONAL STANDARDS-BASED CURRICULA DELIVERED BY WELL-TRAINED TEACHERS TO PROVIDE A MEASURABLE IMPACT.



DUAL ENROLLMENT

DUAL ENROLLMENT IS AVAILABLE TO ALL HIGH SCHOOL STUDENTS IN PARTNERSHIP WITH THE ALABAMA COMMUNITY COLLEGE SYSTEM



ALABAMA COMMUNITY COLLEGE SYSTEM

Bevill State Community College
 Bishop State Community College
 Calhoun Community College
 Central Alabama Community College
 Chattahoochee Valley Community College
 Coastal Alabama Community College
 Drake State Community and Technical College
 Enterprise State Community College

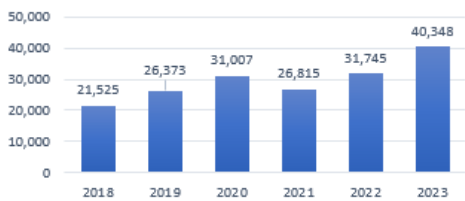
Gadsden State Community College
 Jefferson State Community College
 Lawson State Community College
 Lurleen B. Wallace Community College
 Marion Military Institute
 Northeast Alabama Community College
 Northwest-Shoals Community College
 Reid State Technical College

Shelton State Community College
 Snead State Community College
 Southern Union State Community College
 Trenholm State Community College
 Wallace Community College – Dothan
 Wallace State Community College
 Wallace Community College – Selma

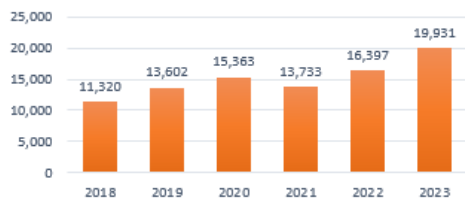


DUAL ENROLLMENT: BY THE NUMBERS

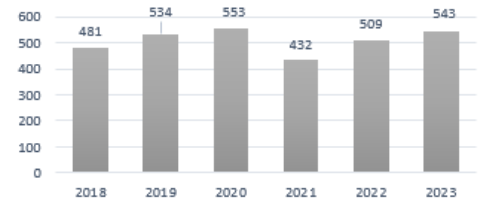
DUAL ENROLLMENT PARTICIPATION



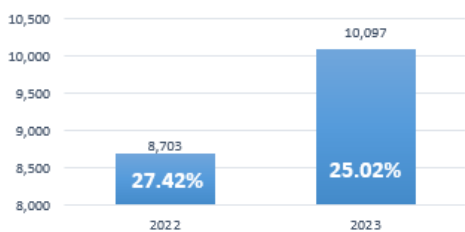
DUAL ENROLLMENT STUDENTS



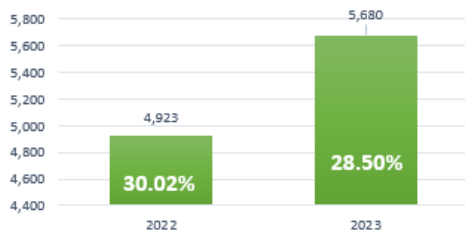
DUAL ENROLLMENT COURSES



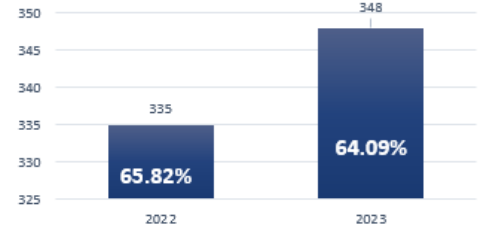
CTE DUAL ENROLLMENT PARTICIPATION



CTE DUAL ENROLLMENT STUDENTS



CTE DUAL ENROLLMENT COURSES



WORKFORCE INITIATIVES

SIMULATED WORKPLACE

56 CTE centers trained through partnership with SREB and CTE. Alabama CTE has adopted a “Statewide strategy for offering simulated workplace experiences...”

US DEPT OF ED INSTRUCTIONAL APPROACHES AND NOTEWORTHY PRACTICES, AUGUST 2017

WORK-BASED LEARNING

11,032 Students participating

5,661,939 Total paid hours

\$60,029,875 Million in wages earned

\$420,209,126 Million economic impact



ALABAMA'S SECONDARY CTE PROGRAMS OFFER EMPLOYERS INNOVATIVE INITIATIVES AND INTEGRATED PARTNERSHIPS.



CTSO EVENTS



THE ACADEMY FOR CHAPTER EXCELLENCE

Dates: September 12, 2022 | Florence

September 13, 2022 | Birmingham • September 14, 2022 | Prattville

September 15, 2022 | Mobile • September 25, 2022 | Virtual

ACE – The Academy for Chapter Excellence – is a one-day program designed for chapter leaders to gain the leadership and officer skills to effectively lead their CTSO programs at the local chapter level. Chapter leaders and advisors from all CTSO's gather to network, share best practices, discuss ideas, and grow their leadership.

194 Local CTSO chapters participated

1,449 Students participated in the in-person experience



JOINT LEADERSHIP DEVELOPMENT CONFERENCE

Dates: October 4, 2022 | Mobile

October 6, 2022 | Huntsville

October 16, 2022 | Virtual

The goal of JLDC is to build Alabama's college- and career-ready workforce with employability skills, leadership training, exposure to Alabama's career opportunities, and increased knowledge of CTE+CTSO opportunities.

543 Local CTSO chapters participated

222 Schools represented

4,019 Students participated in the in-person experience

11,000+ CTE Students reached through virtual JLDC



CTSO LEADERSHIP SUMMIT

Dates: June 12-15, 2023 | Opelika

The annual Alabama CTSO Leadership Summit brings together Alabama's top CTE+CTSO student leaders and officers to network, collaborate, learn, and prepare to guide their student organizations in the coming year! As the statewide officers of Alabama's CTE+CTSO organizations, these officers lead more than 85,000 CTSO members across the state of Alabama as they prepare for college and career success.

50+ State Leaders

7 CTSOs

2 CTE Programs

REACHING THE STATE

REGIONAL WORKFORCE COUNCILS

68 CTE CENTERS DISTRIBUTED THROUGHOUT THE STATE WITH PROGRAMS DRIVEN BY LOCAL WORKFORCE DEMANDS.

1 NORTH ALABAMAWORKS!

2 EAST ALABAMAWORKS!

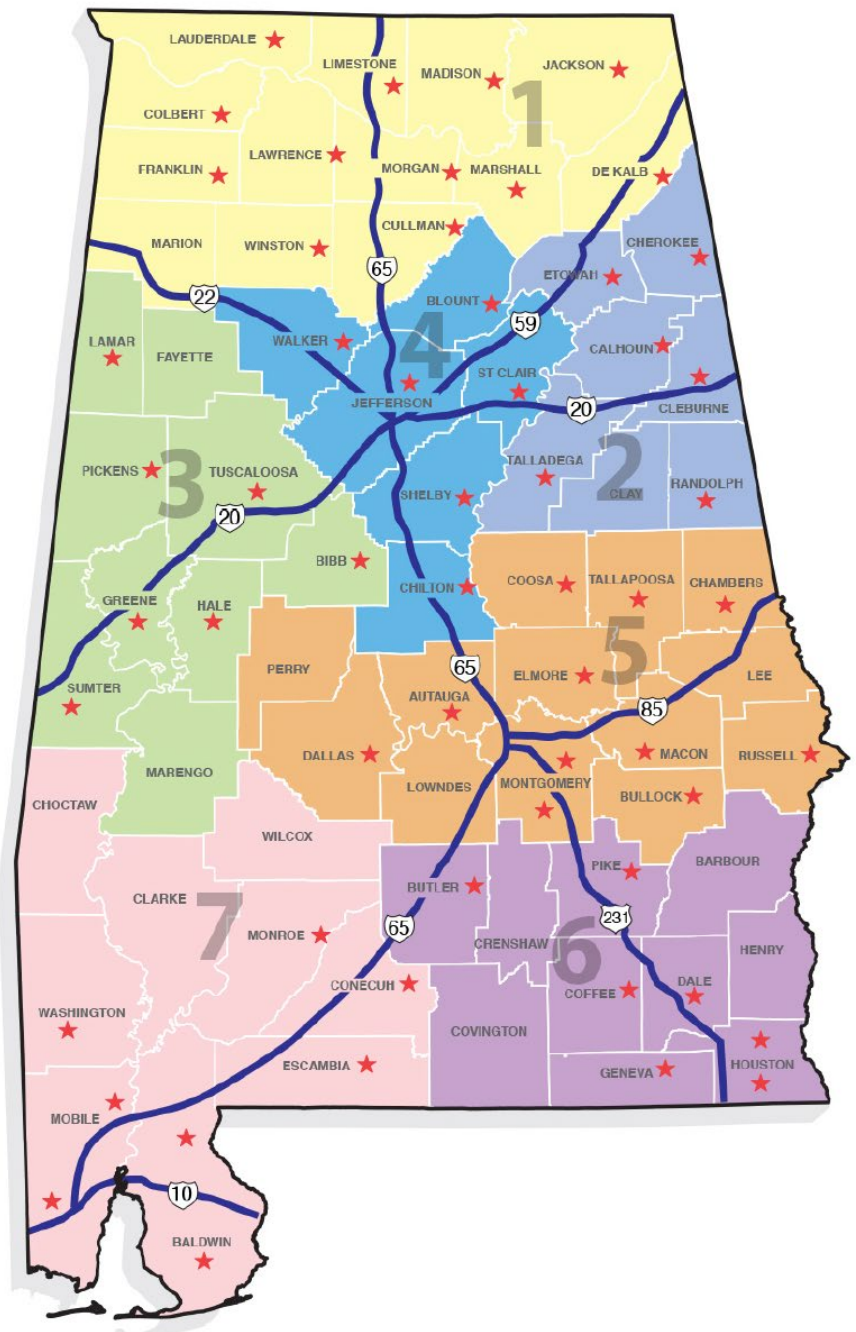
3 WEST ALABAMAWORKS!

4 CENTRAL SIX ALABAMAWORKS!

5 CENTRAL ALABAMAWORKS!

6 SOUTHEAST ALABAMAWORKS!

7 SOUTHWEST ALABAMAWORKS!



ALABAMA'S SECONDARY CTE PROGRAMS OFFER UNPARALLELED **SCALE** OF IMPACT AND **SCOPE** OF REACH.



CAREER AND TECHNICAL STUDENT ORGANIZATIONS

Career and Technical Student Organizations (CTSOs) provide a proactive approach to workforce development. By infusing key elements of leadership development with technical training, our students are equipped with the employability skills needed to meet hiring demands by employers in industry.

DECA

Emerging Leaders & Entrepreneurs

Membership: 4,432

Membership Increase: 58.07%



FBLA

Future Business Leaders of America

Membership: 10,120

Membership Increase: 9.73%



FCCLA

Family, Career & Community Leaders of America

Membership: 11,188

Membership Increase: 12.00%



FFA

Agriculture Education

Membership: 32,617

Membership Increase: 49.00%



HOSA

Future Health Professionals

Membership: 12,235

Membership Increase: 11.53%



JAG

Jobs for Alabama's Graduates

Membership: 1,425

Membership Increase: 27.32%



JROTC

Developing character, student achievement, wellness, leadership, and diversity

Membership: 14,000

Membership Increase: 16.67%



SkillsUSA

Skilled Workforce

Membership: 23,843

Membership Increase: 30.00%



TSA

Technology Student Association

Membership: 8,149

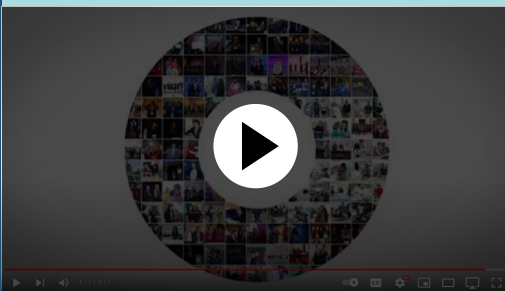
Technology Student Association: 19.50%



JAG and JROTC are state CTE programs and membership is based on program counts.

Check out all the CTSO successes from 2022-2023!

<https://youtu.be/H7XnJGs-JQQI?si=L-Mag6WoxnK-rbAY3m>



CTSO STATEWIDE PROGRAMMING



Tell Your Story Video Challenge

The Tell Your Story Video Challenge allowed CTE+CTSO members to capture the story of how their organization has impacted them, their schools, and their communities. Submissions were received in the fall of 2022, with the grand prize winner being announced, and their video played, during JLDC 2022.

**2022 Grand Prize: Tuscaloosa Career & Technology Academy
Film & Digital Media | SkillsUSA**



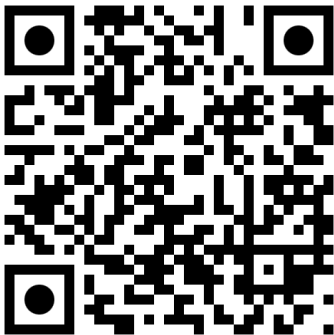
CTE Month 2023

Alabama celebrated Career and Technical Education month by promoting a video featuring CTSO state leaders sharing more on CTE and the value of getting involved in a CTSO. CTSO state officers also joined Governor Ivey for a CTE Month celebration.



Career Cluster: Spotlight

The Career Cluster Spotlight project highlights the incredible work being done in CTE classrooms around the state. A video feature debuted at the Alabama ACTE Professional Development Conference held in July of 2023. The 2023 spotlight included a television special on Alabama Public Television.



Classroom Page

The CTSO classroom video page is a central location for all CTE teachers and CTSO advisors to access videos and promotional materials that promote CTSO membership and help enrich the student CTE experience. The page includes state conference promotional videos, joint CTSO event promotions and resources, and CTE Month features.

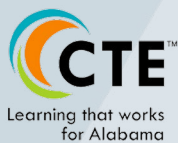


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