

# ALABAMA CAREER AND TECHNICAL EDUCATION

IMPACT REPORT 2021-2022

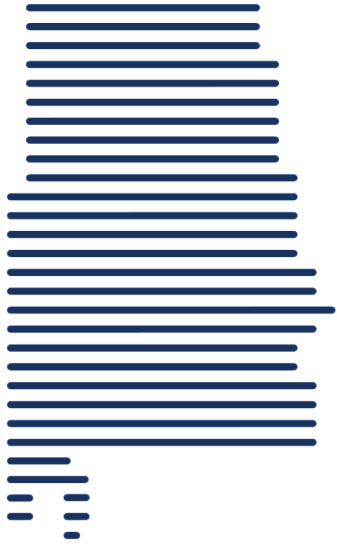




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# CTE BY THE NUMBERS



**167,405**  
unique CTE students  
in Grades 9-12



**586**  
CTE course being taken



**79.05%**  
of Alabama High School  
students currently enrolled  
in at least one CTE class



**83.77%**

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



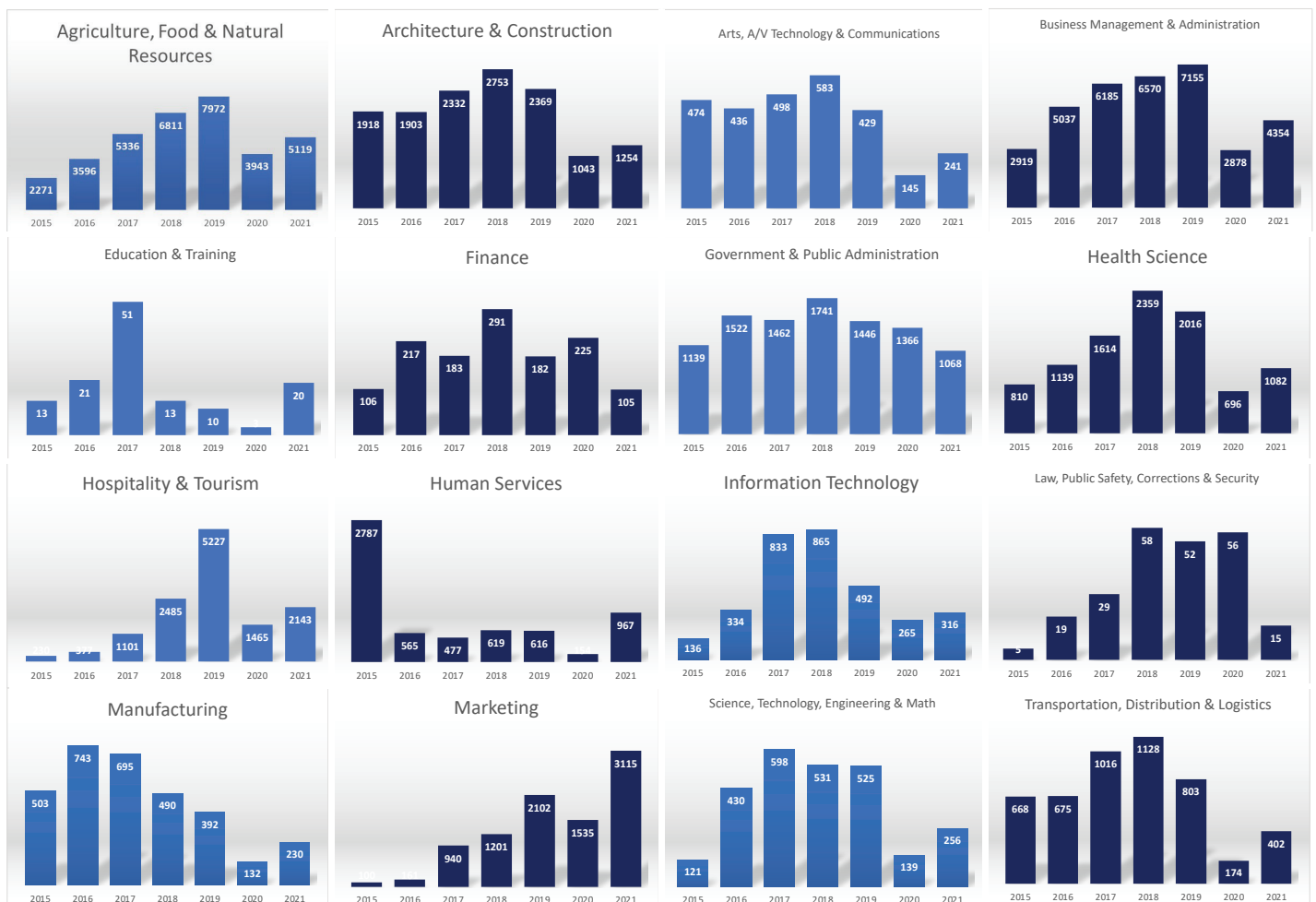
### CREDENTIALS EARNED



*Data reflects audited and researched credentials as of the conclusion of the 2021-2022 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.

Advanced Cyber Forensics  
PLTW Automation and Robotics  
PLTW Middle School Gateway  
Digital Electronics  
Game Design  
Maritime Engineering

PLTW Biomedical Innovations  
AP Computer Science  
Software Development  
Fundamentals of Aerospace Tech  
Kinesiology and Biomechanics  
Medical Terminology

Aquatic Biology  
CAD & Computer-Aided Manufacturing  
Principles Energy and Power Foundations  
Architectural Design  
Plant Biotechnology

### TECHNICAL DUAL ENROLLMENT

**510** Courses  
**31,565** Students

### JROTC

**5** Branches  
**111** Programs  
**12,000** Students

### 586 CTE COURSES

Articulate directly to college credit in 32 programs of study in the Alabama Community Colleges

### JOBS FOR ALABAMA'S GRADUATES (JAG)\*

**28** Programs  
**100%** Grad Rate  
**87%** Full-time Jobs

*\*Data for Class of 2021*



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

## 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 DEPARTMENT OF EDUCATION  
INSTRUCTIONAL APPROACHES AND NOTEWORTHY  
PRACTICES, AUGUST 2017

## 51 SCHOOLS | 35 SYSTEMS

Providing Ready to Work employability certification through partnership with AIDT.

## CAREER COACH INITIATIVE

- 6,237** Students participating in job shadowing events
- 192,922** Students participating in career events
- 27,643** College applications
- 83,920** One-on-one student contacts

## WORK-BASED LEARNING

- 9,324** Students participating
- 4,765,457** Total paid hours
- \$46,523,735** Million in wages earned
- \$325,666,145** Million economic impact



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



# CTSO EVENTS



## JOINT LEADERSHIP DEVELOPMENT CONFERENCE

October 5, 2021 | Birmingham

October 7, 2021 | Mobile

October 15, 2021 | 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.

**2** In-person events in Birmingham and Mobile

**1** Virtual opportunity

**460+** Local CTSO chapters participated

**200** Schools represented

**1,550+** Students participated in-person

**270** Teachers participated in-person

**25,000+** CTE students reached through virtual JLDC

**15,000+** CTSO members reached through virtual JLDC

**75%** More chapter involvement than 2021 100% virtual event

## CTSO LEADERSHIP SUMMIT

June 13-16, 2022 | 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

**4** Day Training

## CLASSROOM CONNECTION

Alabama CTSO conferences reinforced essential 21st Century Skills, including:



CREATIVITY +  
INNOVATION



COMMUNICATION +  
COLLABORATION



INITIATIVE +  
SELF-DIRECTION



SOCIAL + CROSS-  
CULTURAL SKILLS



LEADERSHIP +  
RESPONSIBILITY



# 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!

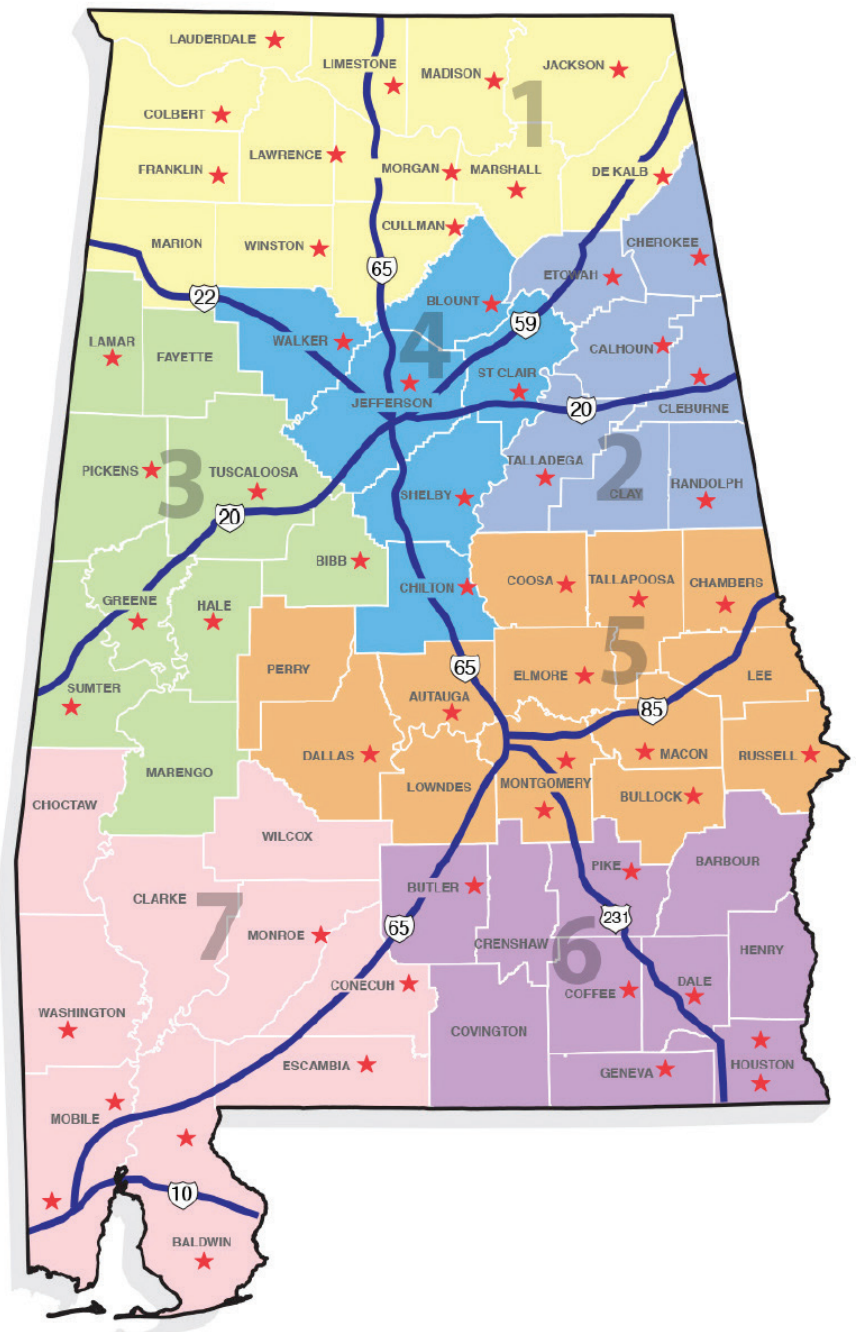
3 WEST ALABAMAWORKS!

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:** 2,798

**Membership Increase:** 82%



## FBLA

*Future Business Leaders of America*

**Membership:** 9,223

**Membership Increase:** 75%



## FCCLA

*Family, Career & Community Leaders of America*

**Membership:** 10,032

**Membership Increase:** 59%



## FFA

*Agriculture Education*

**Membership:** 16,105

**Membership Increase:** 23%



## HOSA

*Future Health Professionals*

**Membership:** 10,970

**Membership Increase:** 64%



## JAG

*Jobs for Alabama's Graduates*

**Membership:** 1,120



## JROTC

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

**Membership:** 12,000



## SkillsUSA

*Skilled Workforce*

**Membership:** 18,329

**Membership Increase:** 153%



## TSA

*Technology Student Association*

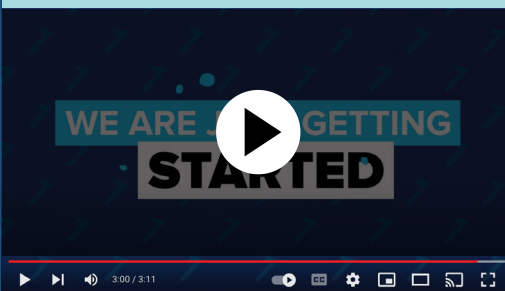
**Membership:** 6,810

**Membership Increase:** 114%



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

Check out all the CTSO successes from 2021-2022!  
[www.youtube.be/wfD5hhDLAjl](http://www.youtube.be/wfD5hhDLAjl)



# CTSO STATEWIDE PROGRAMMING

## TELL YOUR STORY

### 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 2021, with the grand prize winner being announced, and their video played, during JLDC 2021.

**2021 Grand Prize: South Baldwin Center for Technology SkillsUSA**



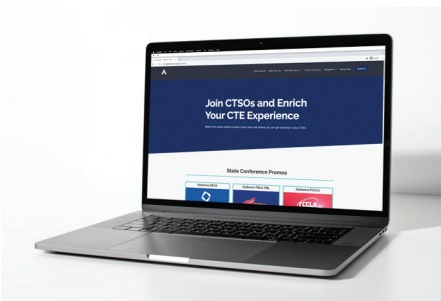
### CTE Month 2022

Alabama celebrated Career and Technical Education month by promoting a series of videos featuring CTSO state officers sharing more on CTE and the value of active CTSO membership.



### 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 2022. The 2022 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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**Dr. Eric G. Mackey**

State Superintendent of Education  
State School Board Secretary  
and Executive Officer

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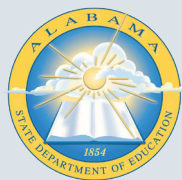
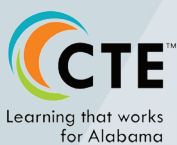
**Mrs. Angela Martin**

Deputy State Superintendent of Education  
Division of Instruction

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**Dr. Jimmy Hull**

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