Learning that works for Alabama

CTE™
CTE BY THE NUMBERS

STUDENT PARTICIPANTS BY NATIONAL CLUSTER

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, Food, and Natural Resources</td>
<td>34,295</td>
</tr>
<tr>
<td>Architecture and Construction</td>
<td>16,552</td>
</tr>
<tr>
<td>Arts, A/V, Technology and Communications</td>
<td>3,781</td>
</tr>
<tr>
<td>Business Management and Administration</td>
<td>107,410</td>
</tr>
<tr>
<td>Education and Training</td>
<td>3,160</td>
</tr>
<tr>
<td>Finance</td>
<td>52,772</td>
</tr>
<tr>
<td>Government and Public Administration</td>
<td>18,381</td>
</tr>
<tr>
<td>Health Science</td>
<td>26,245</td>
</tr>
<tr>
<td>Hospitality and Tourism</td>
<td>6,913</td>
</tr>
<tr>
<td>Human Services</td>
<td>54,757</td>
</tr>
<tr>
<td>Information Technology</td>
<td>4,198</td>
</tr>
<tr>
<td>Law and Public Safety</td>
<td>4,340</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>3,188</td>
</tr>
<tr>
<td>Marketing</td>
<td>51,176</td>
</tr>
<tr>
<td>STEM</td>
<td>17,231</td>
</tr>
<tr>
<td>Transportation, Distribution, and Logistics</td>
<td>8,880</td>
</tr>
</tbody>
</table>

171,304 UNIQUE CTE STUDENTS IN GRADES 9-12

581 COURSES BEING TAKEN

78% OF ALABAMA HIGH SCHOOL STUDENTS CURRENTLY ENROLLED IN AT LEAST ONE CTE CLASS

4.5 MILLION PAID WORK HOURS AND INTERNSHIPS ON THE JOB IN 2017

OF SECONDARY CTE STUDENTS HAD POSITIVE PLACEMENT OUTCOMES INCLUDING MILITARY ENLISTMENT, EMPLOYMENT, ADVANCED TECHNICAL TRAINING, AND POST-SECONDARY ENROLLMENT

93%

ALABAMA’S SECONDARY CTE PROGRAMS OFFER UNPARALLELED SCALE OF IMPACT AND SCOPE OF REACH.
150+ CREDENTIALS
PORTABLE**STACKABLE**TRANSFERABLE
THIRD-PARTY**INDUSTRY RECOGNIZED**DRIVEN BY EMPLOYERS

81% GROWTH
2015 – 12,521 Credentials Earned
2016 – 18,110 Credentials Earned
2017 – 22,635 Credentials Earned

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

PROJECT LEAD THE WAY
BIOMEDICAL, COMPUTER SCIENCE, AND ENGINEERING

14 HIGH SCHOOL COURSES OFFERED
8,543 HIGH SCHOOL STUDENTS ENROLLED
13,760 MIDDLE SCHOOL STUDENTS ENROLLED IN FOUNDATION COURSES

NATIONAL CURRICULA
MANUFACTURING - NIMS
CONSTRUCTION - NCCER
AUTOMOTIVE - NATEF-ASE
MILITARY SCIENCE - JROTC

37,952 MAN-HOURS COMPREHENSIVE STATEWIDE PROFESSIONAL DEVELOPMENT PROVIDED TO CTE TEACHERS AND CTE DIRECTORS

54,920 PERSONALIZED EDUCATION PLANS OF STUDY FOR THE CLASS OF 2021

BIC : ISO 9001
ALL CTE PROGRAMS ARE BUSINESS INDUSTRY CERTIFIED THROUGH AN ISO APPROVED PROCESS

JOBS FOR ALL GRADUATES (JAG)
23 PROGRAMS FOR AT-RISK STUDENTS
99.7% GRAD RATE FOR PARTICIPANTS

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

SIMULATED WORKPLACE
FOCUSED ON EMPLOYABILITY SKILLS & PREPARATION FOR WORKFORCE ENTRY

ALABAMA CTE HAS ADOPTED A “STATEWIDE STRATEGY FOR OFFERING SIMULATED WORKPLACE EXPERIENCES…”
US DEPT OF ED INSTRUCTIONAL APPROACHES AND NOTEWORTHY PRACTICES, AUGUST 2017

$50 MILLION
BOND INVESTMENT COMPLETED TO BRING EQUIPMENT UP TO INDUSTRY STANDARDS

WORK - BASED LEARNING
8,577 STUDENTS PARTICIPATING
$40 MILLION EARNED
$250 MILLION ECONOMIC IMPACT

READY TO WORK (RTW)
PARTNERSHIP WITH AIDT
PROVIDING RTW CERTIFICATION TO SENIORS DIRECTLY THROUGH HIGH SCHOOL CTE PROGRAMS

REGIONAL WORKFORCE COUNCIL PARTNERSHIPS
REGIONAL CAREER EXPOS LINKED
28,606 STUDENTS WITH EMPLOYERS IN THEIR AREA TO MAKE THEM AWARE OF CAREER OPTIONS AVAILABLE

CAREER COACH INITIATIVE
94 CAREER COACHES
538 JOB SHADOWING EVENTS
2,151 INDUSTRY SPEAKERS
16,147 COLLEGE APPLICATIONS
46,101 ONE ON ONE STUDENT CONTACTS

JOINT LEADERSHIP DEVELOPMENT CONFERENCE
74 INDUSTRY PARTNERS
99 SCHOOL SYSTEMS
6,358 STUDENTS #JLDC 2017

ALABAMA’S SECONDARY CTE PROGRAMS OFFER EMPLOYERS INNOVATIVE INITIATIVES AND INTEGRATED PARTNERSHIPS.
IMPACT OF CTSOs

CAREER TECH STUDENT ORGANIZATIONS ENHANCE WORKPLACE SKILLS, PERSONAL SKILLS, AND TECHNICAL SKILLS GROUNDED IN ACADEMICS.

STUDENT MEMBERSHIP

<table>
<thead>
<tr>
<th>Organization</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECA</td>
<td>1,651</td>
</tr>
<tr>
<td>FBLA</td>
<td>13,117</td>
</tr>
<tr>
<td>FCCLA</td>
<td>8,259</td>
</tr>
<tr>
<td>FFA</td>
<td>13,981</td>
</tr>
<tr>
<td>HOSA</td>
<td>7,759</td>
</tr>
<tr>
<td>SKILLS USA</td>
<td>10,609</td>
</tr>
<tr>
<td>TSA</td>
<td>5,121</td>
</tr>
</tbody>
</table>

COMMUNITY SERVICE

- MARCH OF DIMES
- MUSCULAR DYSTROPHY ASSOCIATION
- AMERICAN CANCER SOCIETY
- NATIONAL ALLIANCE ON MENTAL ILLNESS

PERSONAL SKILLS

- INTEGRITY
- WORK ETHIC
- PROFESSIONALISM
- ADAPTABILITY
- FLEXIBILITY
- RESPONSIBILITY
- COMMUNICATION
- DECISION MAKING
- TEAMWORK
- LEADERSHIP
- RESILIENCE
- GOAL SETTING

TECHNOLOGY LITERACY

JOB-SPECIFIC SKILLS

SERVICE ORIENTATION

SAFETY AND HEALTH

WORKPLACE SKILLS

COMMUNICATION LEADERSHIP

DECISION MAKING RESILIENCE

TEAMWORK GOAL SETTING

INTEGRITY ADAPTABILITY

WORK ETHIC FLEXIBILITY

PROFESSIONALISM RESPONSIBILITY

COMMUNICATION LEADERSHIP
REACHING THE STATE

517 SECONDARY SCHOOLS AND 58 CTE CENTERS
DISTRIBUTED THROUGHOUT THE STATE
WITH PROGRAMS DRIVEN BY LOCAL WORKFORCE DEMANDS

ALABAMA’S SECONDARY CTE PROGRAMS OFFER UNPARALLELED
SCALE OF IMPACT AND SCOPE OF REACH.
ALL DATA PROVIDED IS FROM MOST RECENT SOURCES AVAILABLE.
INTERNAL DATA QUERIES PROCESSED THROUGH https://aim.alsde.edu/aim/index.aspx

DATA SOURCES LISTED BY PAGE

• CTE BY THE NUMBERS
  o STUDENT PARTICIPANT NUMBERS BASED ON 2015-2016 SCHOOL YEAR COUNTS AS REPORTED IN AL QUICKFACTS. http://www.alsde.edu/sec/comm/Pages/quickfacts-all.aspx
  o UNIQUE CTE STUDENT COUNT, COURSES TAKEN, AND PERCENT OF HIGH SCHOOL STUDENTS ENROLLED IN CTE COURSE ARE BASED ON INTERNAL DATA QUERY GENERATED 10/27/2017
  o WORK HOURS NUMBERS FROM LEA REPORTED DATA IN 2016-2017 SCHOOL YEAR
  o POSITIVE PLACEMENT PERCENTAGE BASED ON 2016-2017 CONSOLIDATED ANNUAL REPORT TO US DEPARTMENT OF EDUCATION

• CREDENTIALS OF VALUE
  o COUNT OF CREDENTIALS AVAILABLE GENERATED FROM ALSDE CAREER READINESS INDICATOR LIST http://www.alsde.edu/sec/wfd/Pages/credentialing-all.aspx?navtext=Credentialing
  o GROWTH FIGURES AND CREDENTIALS BY CLUSTER CALCULATED BASED ON INTERNAL DATA QUERY GENERATED 10/12/2016

• CURRICULUM
  o PROJECT LEAD THE WAY DATA BASED ON INTERNAL DATA QUERY GENERATED 10/25/2017
  o PERSONALIZED EDUCATION PLANS BASED ON REPORT FROM REPORT BY KUDER, INC. 10/20/2017
  o MAN-HOURS OF PROFESSIONAL DEVELOPMENT CALCULATED FROM NUMBER OF ATTENDEES MULTIPLIED BY NUMBER OF HOURS OF PROFESSIONAL DEVELOPMENT AT THE FOLLOWING EVENTS: ALABAMA ASSOCIATION OF CAREER TECHNICAL EDUCATORS 2017 SUMMER CONFERENCE, ALABAMA ASSOCIATION OF CAREER TECHNICAL ADMINISTRATORS 2017 SPRING CONFERENCE
  o CTE TEACHER CERTIFICATION PROGRAM DATA BASED ON PARTICIPATION BEGINNING IN 2013-2014 SCHOOL YEAR AND ENDING IN THE 2016-2017 SCHOOL YEAR
  o JOBS FOR ALABAMA GRADUATES DATA BASED ON REPORTING FOR THE CLASS OF 2015-2016

• WORKFORCE INITIATIVES
  o WORK-BASED LEARNING INFORMATION FROM LEA REPORTED DATA IN 2016-2017 SCHOOL YEAR
  o READY TO WORK REFERS TO THE AIDT PROGRAM FOR EMPLOYMENT AND JOB-READINESS SKILLS http://alabamareadytowork.org/
  o REGIONAL WORKFORCE COUNCIL CAREER EXPO BASED ON REPORTS FROM ALABAMA DEPARTMENT OF COMMERCE REGIONAL WORKFORCE COUNCIL LIAISONS FOR THE YEAR PRECEDING OCTOBER 2017
  o CAREER COACH DATA IS FROM THE 2016-2017 ANNUAL CAREER COACH REPORT
  o JOINT LEADERSHIP DEVELOPMENT CONFERENCE DATA IS FOR THE CONFERENCE HELD OCTOBER 16 - 17, 2017.

• IMPACT OF CTSOS
  o MEMBERSHIP NUMBERS BASED ON 2015-2016 SCHOOL YEAR

• REACHING THE STATE
  o MAP DATA COMPILED FROM MAPS AVAILABLE AT http://www.alsde.edu/sec/wfd/Pages/maps-all.aspx?navtext=Maps

THE ALABAMA STATE DEPARTMENT OF EDUCATION DOES NOT DISCRIMINATE ON THE BASIS OF 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 PERSON HAS BEEN DESIGNATED TO HANDLE INQUIRIES REGARDING THE NON-DISCRIMINATION POLICIES: TITLE IX COORDINATOR, PO BOX 302101, MONTGOMERY, AL 36130-2101 OR CALL (334)242-8165.