



Reaching New Heights for Special Populations & CTE!



National Definition:

- **Special Populations** (per Perkins Authorization): Is defined as individuals with a disability, in non-traditional fields, are displaced homemakers, economically disadvantaged individuals including youth in foster care, are English language learners, and single (teen) parents.



Colorado Response:

- Alternative Cooperative Education (ACE) Career & Technical Education (CTE) is a multi-occupational pathway that facilitates individualized, developmentally appropriate programming necessary to support CTE students successfully. This includes students identified as Special Populations¹.
- ACE CTE Programming is developed through collaboration with educators, business representatives and community stakeholders. The collaboration creates locally responsive, relevant work-based & school-based learning experiences. ACE CTE students will demonstrate competency in Postsecondary Workforce Readiness (PWR)² that lead to technical skill attainment³ in any chosen occupation with a focus on high wage⁴ occupations or high skill in high demand industries that promote self-sufficiency..



ACE in Colorado Stats

- 32 school districts statewide
- 107 Approved Programs statewide
- Majority are found along the front range/I-25 corridor
- Middle School CTE programming is now an option
- Unique to Colorado CTE as only 3 of our 50 states practice ACE-like program delivery
- ACE CTE aligns to WBL, MCC/ICAP and GG



COLORADO'S WORK-BASED LEARNING CONTINUUM

Work-based learning is a continuum of activities that occur, in part or in whole, in the workplace, providing the learner with hands-on, real world experience.

LEARNING ABOUT WORK

Career awareness and exploration help individuals build awareness of the variety of careers available and provides experiences that help inform career decisions.

- Career Counseling
- Career Planning
- Career Fairs
- Career Presentations
- Industry Speakers
- Informational Interviews
- Mentoring
- Worksite Tours

LEARNING THROUGH WORK

Career preparation supports career readiness and includes extended direct interaction with professionals from industry and the community.

- Clinical Experiences
- Credit-for-work Experiences
- Internships
- Pre-apprenticeship
- Project-based Learning

LEARNING AT WORK

Career training occurs at a work site and prepares individuals for employment.

- Apprenticeship
- On-the-job Training
- Employee Development

EDUCATION COORDINATED



BUSINESS LED

OUTCOMES:

Skilled Talent for Business + Meaningful Careers for Students & Job Seekers

ICAP Quality Indicators



ICAP QUALITY INDICATORS AND PROMISING PRACTICES

Students use these indicators (or tools) to explore, experience, engage in, and excel in their pathways through high school and into the world beyond. ICAP teams use them to help define and refine ICAP practices. These ICAP elements can be modified for developmental levels.

Self-Awareness

Career Awareness

Postsecondary Aspirations

Postsecondary Options

Environmental Expectations



Academic Planning

Employability Skills

Financial Literacy

Join us in becoming an MCC!

Meaningful Career Conversationalist.

MCC	Postsecondary Workforce Readiness (PWR):
 <p>I'm a Me Convers Guiding Career L PoWeR</p> <p>Together we can enhance and F</p>	<p>of thinking and problem solving, creativity and innovation, inquiry and analysis, self-liking of self-direction, personal responsibility and self-management, adaptability and flexibility, and self-empowerment, perseverance</p> <p>are organized, facilitated, collaborative and teamwork, communication, global and flex and integrity</p> <p>engagement, career literacy, job and workplace, work ethics, dependable and reliable, self</p> <p> ADO Colorado www.coloradostateplan.com v.cde.state.co.us/postsecondary/icap</p>
Question Starters	
What activities or places make you feel safe and valued? Why?	
Tell me about a time that you felt proud of something you accomplished at school in the last few months.	
If you had to rate our school on a scale of 1-10 (1=terrible, 10=amazing), what would you rate it?	
As you consider your career, what types of post-high school training have you already explored?	
Describe a time you felt successful.	
If you could learn about anything, what topic would you want to learn about and why?	
Can you describe a time when you worked through a challenging situation? How did you feel?	
What world/community challenges do you want to solve?	
How would you rate your time-management, organizational, and study skills on a scale of 1-10? Describe your rating.	
After taking the career assessment/s, what do you notice is important to you in a career?	



Graduation Guidelines

Local school boards and districts select from this menu to create a list of options that their students must use to show what they know or can do in order to graduate from high school, beginning with the graduating class of 2021. School districts may offer some or all of the state menu options, may raise a cut score on an included assessment and may add graduation requirements in other content areas. Graduation Guidelines begin with the implementation of Individual Career and Academic Plans (ICAP), Colorado Academic Standards for all content areas including Civics, and 21st Century Skills.

Students must demonstrate college or career readiness in English and math based on at least one measure.

Districts have the authority to adapt the college and career demonstrations necessary to earn a standard high school diploma to accommodate for students with the following exceptions: English learners, gifted students and students with disabilities.



MENU OF OPTIONS. This menu lists the minimum scores required.

ACCUPLACER	
English	Math
62 on Reading Comprehension	61 on Elementary Algebra
ACCUPLACER is a computerized test that assesses reading, writing, math and computer skills. The results of the assessment, in conjunction with a student's academic background, goals and interests, are used by academic advisors and counselors to place students in a college courses that match their skill levels.	
ACT	
English	Math
18 on ACT English	19 on ACT Math
ACT is a national college admissions exam. It measures four subjects - English, reading, math and science. The highest possible score for each subject is 36.	
ACT Compass	
English	Math
79	63
The ACT COMPASS is a computerized test that helps colleges evaluate students' skills and place them in appropriate courses. It offers tests in reading, writing, math, and English as a second language.	
ACT WorkKeys - National Career Readiness Certificate	
English	Math
Bronze or higher	Bronze or higher
ACT WorkKeys is an assessment that tests students' job skills in applied reading, writing, mathematics and 21st century skills. Scores are based on job profiles that help employers select, hire, train, develop and retain a high-performance workforce. Students who score at the bronze level (at least 3) in applied mathematics, mapping and reading earn the ACT's National Career Readiness Certificate.	
Advanced Placement	
English	Math
2	2
AP exams test students' ability to perform at a college level. Districts choose which AP exams will fulfill this menu option. Scores range from 1 to 5 (highest).	
ASVAB	
English	Math
31	31
The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine students' eligibility and suitability for careers in the military. Students who score at least 31 are eligible for service (along with other standards that include physical condition and personal conduct). Students who take the ASVAB are not required to enlist in the military.	

Concurrent Enrollment	
English	Math
Passing grade per district and higher education policy	Passing grade per district and higher education policy
Concurrent enrollment provides students the opportunity to enroll in postsecondary courses, simultaneously earning high school and college credit. School districts and institutions of higher education each determine passing grades for credit. A passing grade is determined by district and higher education policy for concurrent enrollment. An eligible concurrent enrollment course is 1) the pre-requisite directly prior to a credit-bearing course or 2) a credit-bearing course.	
District Capstone	
English	Math
Individualized	Individualized
A capstone is the culminating exhibition of a student's project or experience that demonstrates academic and intellectual learning. Capstone projects are district determined and often include a portfolio of a student's best work.	
Industry Certificate	
English	Math
Individualized	Individualized
Industry certificates are credentials recognized by business and industry. They are district determined, measure a student's competency in an occupation, and they validate a knowledge base and skills that show mastery in a particular industry.	
International Baccalaureate	
English	Math
4	4
IB exams assess students enrolled in the official IB Diploma Programme. Courses are offered only at authorized IB World Schools. Scores range from 1 to 7 (highest).	
SAT	
English	Math
430	460
The SAT is a college entrance exam that is accepted or required at nearly all four-year colleges and universities in the U.S. The current SAT includes sections on reading, writing and math. The highest possible score for each section is 800.	
Collaboratively-developed, standards-based performance assessment	
English	Math
State-wide scoring criteria	State-wide scoring criteria
<i>(In development)</i>	



POSTSECONDARY WORKFORCE READINESS, PWR

Development of postsecondary work-
force readiness skills and professional
skills to promote employability.

CAREER PLANNING/ICAP
Delivers a multi-occupational for
students to develop career goals
and ways to explore business and
industry prospects.



INDEPENDENT LIVING
Provides social and emotional
development that enhance
understanding of how to live
independently with a sense of civic
responsibility and socially acceptable
ethics.

BUSINESS AND INDUSTRY
Cooperates with business
and industry to enhance
student employability with
a stronger understanding of
employer expectations in order
to develop professional and
technical skills of students.



INDIVIDUALIZED FOCUSED INTENTIONAL



ACADEMIC FOUNDATIONS
Developmentally appropriate
curriculum aligned with Career
Readiness Practices (CRP) standards
which incorporates language arts
and math standards into learning.

WORK BASED LEARNING
Students are employed in
the community, in-school,
volunteering, and/ or supported
employment to emphasize the
development of professional as
well as industry specific technical
skills.



CAPSTONES
Curriculum is oriented to meet
capstones, graduation requirements,
as well as industry ready certifications.

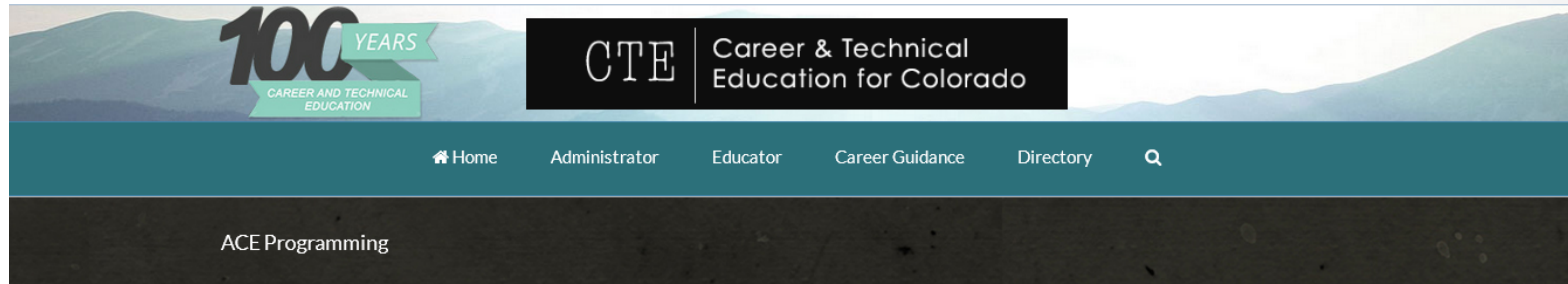


ACE

ALTERNATIVE COOPERATIVE EDUCATION



Dive into what's new for ACE



ALTERNATIVE COOPERATIVE EDUCATION

> [ACE : Special Populations](#)

> [ACE Programming](#)

> [ACE CTSO](#)

> [\(SC\)2 – ACE Student Leadership Conference](#)

> [ACE Work Based Learning](#)

> [ACE Teacher Conference](#)

> [ACE Board](#)

> [ACE Contact](#)

ACE CTE ReDesign Products

All redesign products, as of July 2017, are considered DRAFTs until official implementation during 2019-2020 school year.

[ACE CTE Working Definition](#) (note the 2nd page addition).

[ACE CTE Endorsement Worksheet](#)

ACE CTE Program of Study Templates:

[ACE Core](#)

[ACE Career Cluster-Based](#)

[ACE Specialized](#)

[ACE CTE Infographic](#)

[ACE CTE Administrator Fact Sheet](#)

[ACE CTE Course Titles & Descriptions for Program Approval](#)

[ACE CTE Pathway and Course Sequence Recommendations](#)

[ACE CTE Sample Student Transcript](#)

[ACE CTE ReDesign FAQ, MS Doc](#)

[ReDesign Common Messaging, PPT](#)

[ACE Sample Training Plan 1](#)

<http://coloradostateplan.com/educator/ace/ace-programming/>



New Courses! with Jacques

Standards & Crosswalks! with Marta

Navigating the Change in Program Approval! with Laurie

Integrated CTSO! with Leslie

Desktop Monitoring Assurances!

With Rachel



Save the Dates!

- ACE Teacher Conference: Nov 8-9, 2018 Denver (Lowry)
 - Opportunity to attend Special Pops Conference in CA in Nov. Check email forthcoming for link!
 - CACTA: Feb 5-8, 2019 Loveland
 - (SC)2: April 12, 2019
-
- Ongoing in School Year 2018-2019: Technical Assistance by Region or by need & compiling of Promising Practices from YOU!



Stay in Touch!

Save and Revisit the ACE CTE webpage:

<http://coloradostateplan.com/educator/ace/ace-programming/>

Lauren.Jones@cccs.edu Program Director for Special Populations, Counseling & Equity

Michael.Womochil@cccs.edu ACE Program Approver

ACE Board & ACE ReDesign Council Members

