Thank you for participating in CACTE Virtual Summit.

Colorado Career and Technical Education is housed at the Colorado Community College System, however, our Colorado CTE Team supports all educational levels of CTE programming across Colorado. This also includes non-system colleges, DOC programs, in addition to middle school, high school, and CCCS college programs. This enables us to approve Programs of Study across all educational levels and support educators from one state agency. Please visit www.coloradostateplan.com for more details on Career and Technical Education in Colorado.
This is our Colorado CTE Programmatic Team. This team includes: our Program Directors, who support the development of Program Approval and Programs of Study for specific career cluster and industry sector areas; Assistant Program Directors, who lead our Career and Technical Student Organizations (CTSO) as well as support the Program Director with teacher supports and Program Approval related items; and our Program Assistants, who support sector areas on our team in the implementation of CTE across Colorado. Please connect with your Program Director if you have questions regarding Program Approval, teaching supports, and other curricular needs.
This is our Colorado CTE Administration Team. This team supports CTE Directors and other local CTE stakeholders with CTE specific funding, federal and state legislated items, data and accountability of CTE programs, and concurrent enrollment. Please see the CTE Administrators’ Handbook for official guidance and processes for CTE: http://coloradostateplan.com/administrator/administrators-handbook/
Our website is www.coloradostateplan.com
News in Colorado CTE

- Message for Fall 2020 Events: click here!
- FAQ for ColoradoCTE.com are now available: click here!
- Training for the new ColoradoCTE.com are now scheduled: click here!
- Middle School Apprenticeship Programs: click here!
- 4/7/2020 CTE Virtual Resources for Teachers: click here!
- 5/14/2020 CTE Digital Resources for Skilled Trade Educators and CTE Coalition
- Important CTE Dates (Updated 3/13/2020) have been posted: click here!
- UPDATED 6/16/2020: CTE Course Matrix click here!
- Webinar Recording on 19/20 CTE Enrollment reporting changes: click here!

Mission of Colorado Career and Technical Education

Career and Technical Education (CTE) leverages high-quality education system so that each learner has access to the experiences leading to lifelong career success.

Colorado Strategic CTE Visioning Process
If you are new to CTE, we have federal legislation that guides the implementation and funding of CTE programs across the country. This legislation is called “Perkins” and this iteration, “Perkins V” is actually called the Strengthening Career and Technical Education for the 21st Century Act: http://coloradostateplan.com/administrator/perkins/

“Perkins V” had several changes from “Perkins IV” when it was reauthorized, many of those changes are in the presentation. The largest scale change for all program levels is the requirement for a Comprehensive Local Needs Assessment to qualify for and to expend Perkins V Grant funds. We appreciate the active engagement of participants in the Local Needs Assessment for Perkins V.

In this process, we divided local Perkins recipients across the state into groups based on the Colorado Planning and Management Regions for Economic Development. This enabled us to pull data to support programs in their evaluation of CTE programs to ensure they are meeting the federal definition of high wage, high skill, or in demand to “be CTE”. For more details on the Local Needs Assessment Process, which was required by law, please see this website: http://coloradostateplan.com/administrator/perkins/perkins-forms-and-files/ We will be embarking on this process again in the Fall of 2021 and welcome insight to better manage the process and practices to cte@cccs.edu
We also met with stakeholders around Colorado to formulate a Strategic Plan for Career and Technical Education for 2019-2024. This process included parents, students, business and industry, local governmental officials, state association leaders, community partner organizations, and all stakeholders in our educational system. The meetings and surveys lead to this document that we used as the cornerstone of our Perkins V State Plan. Please see this link for our Strategic Plan: http://coloradostateplan.com/cte-strategic-vision/ and please see this link for our Perkins V State Plan: http://coloradostateplan.com/administrator/perkins/perkins-v-information/
One of the largest themes to come out of our Strategic Plan, is that we are not in this work alone and it is our responsibility as the state agency that supports and administers CTE Programs in Colorado, to work intentionally with other state agencies in education and workforce.

Colorado CTE VISION

Colorado Career & Technical Education (CTE) leverages workforce and education systems so that each learner has quality CTE experiences leading to lifelong career success.
Please see http://coloradostateplan.com/cte-strategic-vision/ for more details and our goals within each of these elements. Additionally, our grant work moving forward will revolve around these five themes as well, such as our Perkins V Innovation Awards. Please see this site for more details on the Perkins Innovation Awards (separate from the local eligible recipients’ Basic formula level grants): http://coloradostateplan.com/administrator/perkins/perkins-forms-and-files/
www.coloradostateplan.com

1. Select Administrator
2. Select Current Handbook
Postsecondary Metric Definitions

<table>
<thead>
<tr>
<th>Metric</th>
<th>Metric Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postsecondary Student Definitions:</td>
<td></td>
</tr>
<tr>
<td>Participants - A postsecondary student who has completed at least one (1) CTE course in a CTE program (defined by CIP code) within the reporting year.</td>
<td></td>
</tr>
<tr>
<td>Concentrators - A postsecondary student who, within the reporting year has:</td>
<td></td>
</tr>
<tr>
<td>• earned at least twelve (12) CTE credits within a CTE program (defined by CIP code), or</td>
<td></td>
</tr>
<tr>
<td>• completed such a program if the program is twelve (12) or fewer credits.</td>
<td></td>
</tr>
<tr>
<td>Completers - A postsecondary student who has completed the required minimum credits within a CTE program and has received a certificate or degree.</td>
<td></td>
</tr>
<tr>
<td>(CF1) Postsecondary Retention and Placement</td>
<td>Number of previous year CTE completers who were placed in employment, continuing education, apprenticeship, military service, or Peace Corps programs, by students who met the requirements set forth by the state for the 2019-2020 school year (completers who were in the Peace Corps program).</td>
</tr>
<tr>
<td>(CF2) Earned Recognized Postsecondary Credential</td>
<td>Number of CTE concentrations or completers who received a recognized postsecondary credential during participation in or within one year of program completion.</td>
</tr>
<tr>
<td>(CP1) Non-Traditional Program Concentration</td>
<td>Number of CTE concentrations from underrepresented gender groups enrolled in non-traditional programs during the reporting year.</td>
</tr>
</tbody>
</table>

Please see this link for more details on data reporting: http://coloradostateplan.com/ve-135/
## Secondary Metric Definitions

**Secondary Student Definitions:**
- Participants: A secondary student who has earned credit for one (1) or more courses within any CTE program where course is defined as one Carnegie unit or more.
- Concentrators: A secondary student who has earned credit for two (2) or more Carnegie units within a CTE program as defined in the program approval documentation (Typically, one Carnegie unit is the equivalent of one year-long course).
- Completers: A secondary student who has earned credit for the required minimum credits within a CTE program as defined in the program approval documentation.

*Note: These are the definitions that will be submitted to the U.S. Department of Education for approval and are not final at this point.*

<table>
<thead>
<tr>
<th>METRIC</th>
<th>METRIC DEFINITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEAP Four Year Graduation Rate</td>
<td>Numerator: Number of CTE concentrators and completors who, in their 4th high school year, have met locally defined requirements for a high school diploma. If the reporting year, were included in the State's computation of the four year adjusted graduation rate pursuant to Section 3152C of the ESSA. Denominator: Number of CTE concentrators and completors who, in their 4th high school year in the reporting year, were included in the State's computation of its four year adjusted graduation rate pursuant to Section 3152C of the ESSA.</td>
</tr>
<tr>
<td>2013 Academic Proficiency in Reading/English Language Arts</td>
<td>Numerator: Number of CTE concentrators and completors in their 4th or higher high school year who have met the ESSA proficient level on the Statewide High School Reading/English Language Arts Assessment (11th grade SAT) and who, in the reporting year, have met locally defined requirements for a high school diploma. Denominator: Number of CTE concentrators and completors in their 4th or higher high school year who took the assessment in Reading/English Language Arts (11th grade SAT) and who, in the reporting year, have met locally defined requirements for a high school diploma.</td>
</tr>
<tr>
<td>2013 Academic Proficiency in Mathematics</td>
<td>Numerator: Number of CTE concentrators and completors in their 4th or higher high school year who have met the ESSA proficient level on the Statewide High School Mathematics Assessment (11th grade SAT) and who, in the reporting year, have met locally defined requirements for a high school diploma. Denominator: Number of CTE concentrators and completors in their 4th or higher high school year who took the assessment in Mathematics (11th grade SAT) and who, in the reporting year, have met locally defined requirements for a high school diploma.</td>
</tr>
</tbody>
</table>

Participant & Concentrator now Federally defined

These are very similar to Perkins IV metrics.
### Secondary Metrics, cont.

<table>
<thead>
<tr>
<th>Metric</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>13</strong> Academic Proficiency in Science</td>
<td>Numerator: Number of CTE concentrations and completers in their 11th or greater high school year who have met the ESSA proficiency level on the statewide high school assessment (CTE grade CMAS) and who, in the reporting year, have met locally defined requirements for a high school diploma. Denominator: Number of CTE concentrations and completers in the 9th grade CMAS and who, in the reporting year, have met locally defined requirements for a high school diploma.</td>
</tr>
<tr>
<td><strong>14</strong> Post-Program Placement</td>
<td>Numerator: Number of previous year CTE concentrations and completers who graduated high school and are placed in employment, postsecondary education, apprenticeship, military service, or one of the above as of three months after the end of the academic reporting year. Includes students classified as unemployed or otherwise not actively seeking employment.</td>
</tr>
<tr>
<td><strong>15</strong> Non-Traditional Concentration</td>
<td>Numerator: Number of CTE concentrations from underrepresented gender groups enrolled in non-traditional programs during the reporting year. Denominator: Number of CTE concentrations enrolled in non-traditional programs during the reporting year.</td>
</tr>
<tr>
<td><strong>16</strong> Program Quality - Participated in Work-Based Learning</td>
<td>Numerator: Number of CTE concentrations graduating from high school during the current academic year having participated in work-based learning in any year as part of the CTE program. Denominator: Number of CTE concentrations graduating from high school during the current academic year.</td>
</tr>
</tbody>
</table>

*MEC includes: Apprenticeship, On-the-job training, Clinical experience, Work-for-experience, Internship, Industry-sponsored project, School-based enterprise managed by students (supervised entrepreneurship experience)
19/20 CTE Enrollment Reporting

• Typical collection period: May 2020 – July (secondary)/August (postsecondary) 2020

• Secondary Changes:
  – **Concentrator:** 2 or more year long courses = 4 or more semester long courses = 2 or more Carnegie Units = 240 or more contact hours
  – **Participant:** 1 or more year long courses = 2 or more semester long courses = 1 or more Carnegie Units = 120 or more contact hours
  – **Work Based Learning:** Students has experienced any of the following as part of this CTE program: apprenticeship, OJT, clinical, credit-for-work, internship, pre-apprenticeship, school-based enterprise managed by students.
  – **New Special Populations:** Foster youth or aged out; youth with active military parent; homeless youth. *You will not be submitting these, as we will obtain them via CDE/CDHS.*
The area with a smiley face, Learning About Work, is the category of Work Based Learning foundational elements that we would like to see in every classroom in Colorado. The two other columns with the arrows above them are the two columns in which your school district will report WBL for students in CTE programs. Please see this website for more details on WBL: http://coloradostateplan.com/educator/work-based-learning/
Our goal was to create targets for our programs in Colorado that are achievable and that build upon best practices.

These metrics are identified in Perkins V, we did not select these metrics, except for Work Based Learning as the option for our Program Quality metric for Secondary CTE Programs. There were three options to select and upon survey feedback from local administrators and teachers, Work Based Learning was selected to report to USDOE.

Please see our Colorado State Perkins V Plan for details on metrics.
Secondary Program Approval

- Secondary Program Approvals will be starting from scratch to align to concentration.
- All Secondary Program Approvals must be submitted in the new system by April 1, 2021 in order to have access to CTA for 20-21.
- Perkins 20-21 Local Applications & all expenses must be linked to approved programs; submit Program Approval for these programs first.

Please see this link if you have questions about Program Approval: http://coloradostateplan.com/administrator/coloradocte-com-faq/

Post-secondary CTE Programs were migrated from our legacy system as their metrics did not shift like Secondary.
These have always been elements of Program Approval and remain in the new www.coloradocte.com system.

Please see the CTE Administrators’ Handbook for more details: http://coloradostateplan.com/administrator/administrators-handbook/
In previous years, we collected these documents on the “back end” of Program Approval through Desktop Monitoring. Moving forward, we will ask for them to be uploaded into Program Approval as part of the process for approval. We are excited to focus our efforts on support the development of programs on the “front end” instead of “auditing” them on the “back end”. Please see this website for templates and forms:
http://coloradostateplan.com/secondary-pathways/

### Documents to Upload

1. Program Quality Action Plan *(replaces 5 year plan)*
2. Advisory Committee Program of Work *New*
3. CTSO Program of Work *secondary only*
4. Syllabi *(if using alt courses-need competencies)* *secondary only*
5. Work Based Learning Documentation *secondary only*
   1. Project Outline *(if “IndustrySponsored Project”) or*
   2. Student Responsibilities *(if “Supervised Ent. Experience”) or*
   3. Sample Work Plan *(if Internship, Apprenticeship, Clinicals etc)*
6. Articulation & Concurrent Enrollment Agreements
Course Matrix

Things to prepare for new Program Approval process:

- Program Quality Action Plan – there is a cut off that cepkls can write on and then go into program approval or they can use jrcj revoked and give us permission to have access
- Advisory Committee Program of Work – use the tool to populate the Program of Work, with their top three items from the list
- STS Program of Work (depends on the CTSC)
  - Program of Work – Overview
  - Program of Work – Format
  - Program of Work – Box and Darcy
  - Program of Work – Administration
- Formatted Examples:
  - Objectives (Overview)
  - Narrative Format (Approval)
  - Calendar Format (Proposal)
  - Career Partners - 1 (Proposal)

- Syllabus – only needed if course name will be different to show that competencies align with state competencies
- Review Checklist for your Program Area: Checklist for Educators
The first document is based on the Program Self-Evaluation Instrument from ACTE. ACTE spent several years reaching elements of High Quality CTE. The goal of this tool is to help CTE educators take a look at this CTE Program to identify areas in which they would like to lean in and grow. We are excited to include this tool in place of the Five Year Plan of the past to work and focus energy towards common goals across CTE. The results of these submissions will help our Colorado CTE better align our professional development offerings to your needs as CTE educators.
Here are the top three areas I am seeing mentioned as of today, July 21, 2020.

You will see some intentional offerings from our Colorado CTE Team this year to help guide conversations and best practice sharing in these three topical areas.

As a point of clarification, CTSO is intracurricular and we will be working to help you integrate CTSO into your courses more intentionally vs. the “club” mindset that CTSO happens afterschool. Please connect with your CTSO State Adviser if you need more supports for CTSO integration: http://coloradostateplan.com/educator/career-and-technical-student-organizations/
From the Self-Evaluation Tool, we would like CTE Programs to create a Program of Work for your Advisory Committee to link the work of your committee to your areas of growth. We understand that this element might be in development for Fall 2020 and thus, please indicate your implementation plan in the “work flow” of Program Approval and the Program Director will work with your program on a conditional approval for 20-21 until you can complete this tool with your committee.
Our goal is to focus on the Program Quality and goal achievement when it is time to renew your CTE Program. We understand that a quantity of concentrators might not be the best indication of program success. With that said, per the law and the metric needs, we do need you to try your hardest to have data to report. For secondary programs, if there are not concentrators in the program, you will not have any data to report as the majority of data points are in regards to concentrators in their senior year. Please connect with your Program Director if you need more coaching or supports on Program Approval: http://coloradostateplan.com/directory/
Program of Study will flow through in the new system

Likened to a “friend request”

Programs can link to multiple institutions.

Select partner per pathway

Enter 4 year partners in the workflow

AAS in Applied Technology is not an appropriate Program of Study, it is a way to transfer credits
Post-Secondary Updates

- CCNS – New System
- CIP Alignment Project
- Law Enforcement Taskforce

Post-secondary – this is a preview of elements that will be discussed at this year's 2:2 Faculty Event in September 2020.
TRAINING

FREE CREDENTIAL COURSEWORK SIGN UP (CTE in Colorado) – You will receive additional information through email with login procedures about a week after the close of registration.

This course covers EDU 250, 251, 253 & 260.

This course also covers these components if you received a letter from the Colorado Dept. of Education that lists:

- Foundations of Teaching and Learning
- Course 1: Orientation and Assessment of new CTE Teachers/Teaching Strategies
- Course 2: Classroom Management/Creating a Positive Learning Environment/Safety and Liability
- CTE Knowledge
- Course 3: Communication strategies/Career advisement/Facilitating CTE Leadership Activities

*The Portfolio and Portfolio requirements are done within your district.

Online Session Schedule:

- Course is closed.
- Late Summer Class runs July 20-Sept 14, 2020.
- Course is closed.
- Fall Class runs September 21-December 14, 2020.
- Signup/Registration will go live August 31 at 10am.
- Spring Class runs January 19-April 1, 2021.
- Signup/Registration will go live January 4 at 10am.

Face to Face Session:

CACTE July 2021 in Loveland, CO
In honor of our Strategic Plan Goal around Instructor Recruitment and Retention, we have eliminated the time window on the secondary credential worksheets. This was to honor so many people who have taken time to be with their families or other elements that make their experience over seven years old. We still value current and up to date experience and will offer ways to engage with business and industry in the future to learn about current trends in industry.

As a reminder, the Colorado Department of Education issues secondary CTE credentials.

For post-secondary and high school teacher who are adjunct for community college programs through concurrent enrollment, please contact the college credentialing officer for criteria to ensure accreditation requirements through HLC, the Higher Learning Commission, are met. Concurrent Enrollment adjunct faculty, please contact Tammy.Ward@cccs.edu if you have any questions about CE.
In honor of our Strategic Plan Goal around Instructor Recruitment and Retention, we have eliminated the need for particular areas to hold a credential “on top of” their teaching license endorsement. This is to honor individuals who went through teacher preparation programs and gained the skills to be a high quality CTE educator in those programs. We also heard that many educators in these CTE endorsement areas were duplicating their application materials to apply for the credential. We do not feel like that is a good use of dollars and have removed the requirement to honor that duplication. Please contact the Program Director in your area if you have questions.
The BCOC is a committee that reviews credential exceptions. Exceptions are typically to “count” types of experience as related experience to that pathway area. There are specific elements in the CTE Administrator's’ Handbook in regards to the exceptions - Exception on the related degree where the applicant has other means of demonstrating mastery of the knowledge of the credential area.
• Exception if occupational experience requirements are not met where the applicant can provide other means of demonstrating adequate occupational experience.
Please utilize these videos to market your CTE program.
Please follow us on FaceBook at Colorado Career and Technical Education – CTE and tag us in your district, school, and college photos or CTE public relations.
Thank you for everything you do for Career and Technical Education in Colorado.

Please visit www.coloradostateplan.com frequently for updates.