

2018

ADDENDUM to the

Alaska Career and Technical Education (CTE) Plan



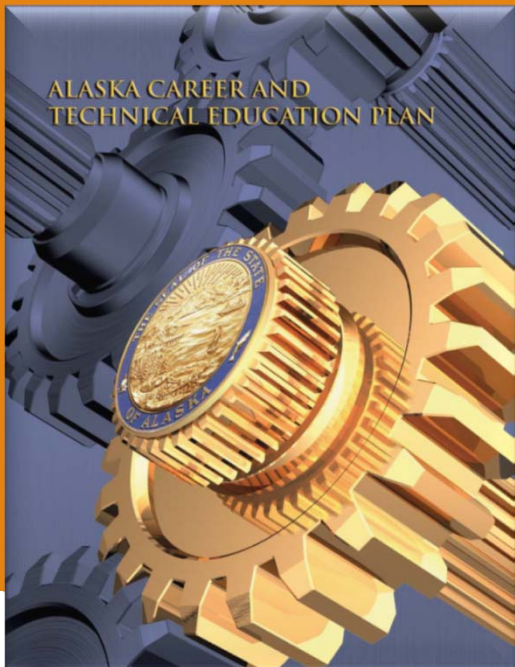
CTE: Skills for Alaska's Careers

**Alaska Association for
Career and Technical Education**

**Professional Development Conference
Anchorage, AK
October 24, 2018**

<http://www.alaskacteplan.com/>

2010 Alaska CTE Plan



2010 Alaska Career & Technical Education Plan

- DEED, DOLWD, and UA lead agencies
- Advisory committee
- Public input
- Annual advisory committee work sessions



2018 AWIB
CTE Workgroup

Created an addendum to:

- Review the 2010 Plan strategies
- Reenergize the conversation around CTE
- Provide advocacy tool and strategy guidance

Solicited stakeholder feedback from:

- 2017 AK ACTE PDC
- 2018 Alaska CAN 65X2025 Conference
- Survey to business/industry
- Survey to general stakeholders
- Draft on CTE Plan website

Workgroup Members

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- Dan Domke, FNSBSD/AWIB
- Cheryl Edenshaw, ATC/AWIB
- Kurt Kuhne, AWIB
- Cathy LeCompte, AVTEC
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The 2018 Addendum

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Alaska Career and Technical Education Plan
Addendum

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Alaska Workforce Investment Board (AWIB) CTE Plan Addendum Workgroup Membership

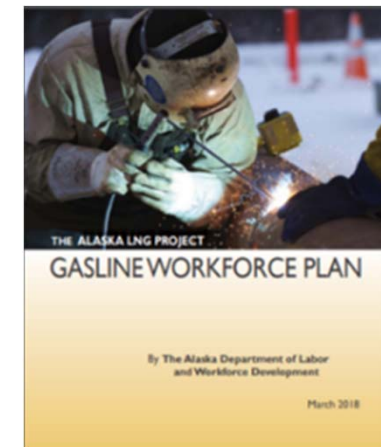
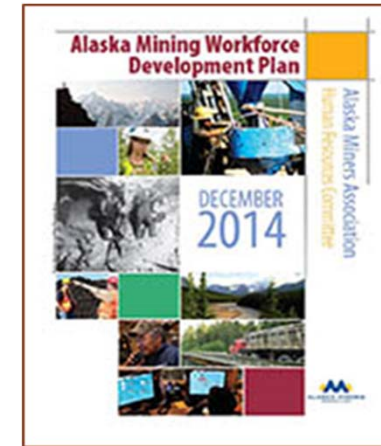
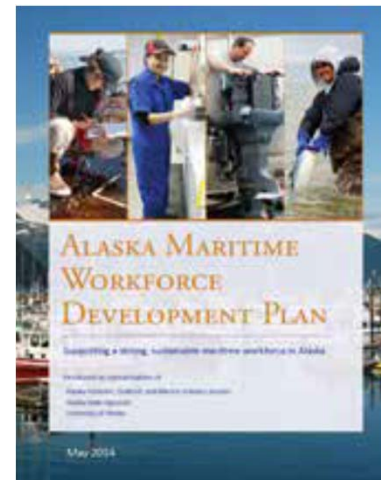
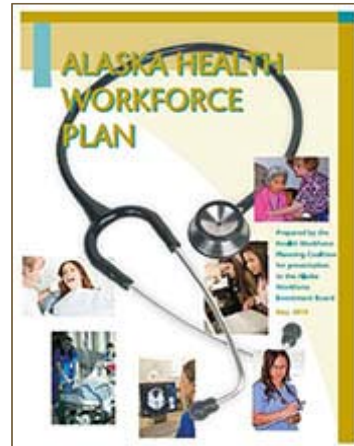
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- What's Changed Since 2010?
- CTE Accomplishments
- Positive Impacts of CTE
- CTE and Career Paths
- CTE-Supported Industries
- CTE and Alaska's Workforce Development Plans
- CTE Plan Strategies
- Looking Ahead
- Strategy Implementation Guidance

CTE and Workforce Development Plans



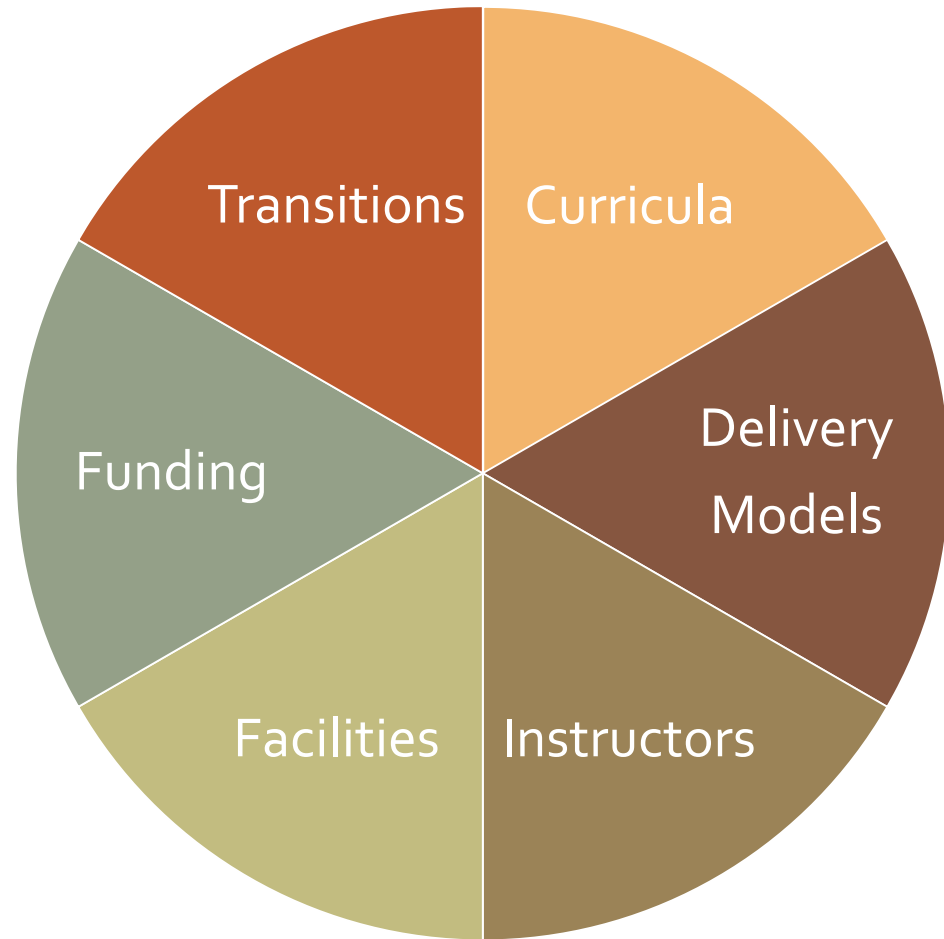
CTE and Career Paths

CTE and Career Paths

CTE can support secondary and postsecondary students in a variety of pathways that lead to successful jobs with good salaries. It's important to remember that CTE is not just individual classes – it's a comprehensive system including career exploration and preparation that starts with school age children and continues through secondary school, postsecondary education and training, and ultimately career entry and advancement.

Career:				
Awareness	Exploration	Preparation	Choice	Entry
Elementary Participate in career awareness activities Identify interests through career aptitude tests Visit a workplace for a career day/ job shadowing activity Learn about CTE-related jobs from classroom guest speakers	Middle School Further explore interests through a career assessment* Research career demand & requirements* Begin a Personal Learning & Career Plan (PLCP)* Enroll in CTE courses	High School Research career demand & requirements* Update a PLCP* Enroll in CTE courses Join a Career and Technical Student Organization (CTSO) http://ctsoalaska.org/ Obtain dual credit for CTE courses Begin Pre-Apprenticeship	Post Secondary Enter a Registered Apprenticeship program Enroll in Postsecondary CTE Occupational Endorsement, Certificate, or Associate Degree Program Participate in Internships Earn an Industry Certificate or License Continue planning*	Real Life Remain current through professional development With additional training, upskill and advance in your career Continue education to an associate or bachelor's degree or additional certifications for further advancement

CTE Strategies



CTE Stakeholder Groups

Guidance Specific to Key Stakeholder Groups

Industry/Employers

Policy Makers, Influencers, and Communities

Secondary Education Administrators and School Boards

Secondary Educators, Counselors, and Advisors

Postsecondary School or Training Provider Administrators

Postsecondary Faculty and Staff

Parents and Students

CTE Strategy Implementation Guidance

Secondary Education Administrators and School Boards

School district administrators (K-12) and local education officials that serve on school boards or in other education related policy/advisory roles have an important role to play in advancing and improving CTE in Alaska.

Here are some recommendations on how education administrators and school board members can implement Alaska's CTE strategies:

<p>Strategy 1: Transitions Make transitions planned and accountable for both successful student progress and systemic cooperation.</p>	<ul style="list-style-type: none"> • Develop processes, including the use of district CTE advisory committees, to evaluate the effectiveness of CTE programs on a regular basis. • Work with district leadership, educators, and CTE Advisory Committees to help develop supports for CTE programs (industry partners, internships, and apprenticeship opportunities).
<p>Strategy 2: Curricula Align curricula at all training institutions to meet current industry standards – including academic, professional, and technical skills – from elementary through secondary to postsecondary and professional development levels.</p>	<ul style="list-style-type: none"> • Encourage educators to create CTE opportunities for K-12 students, such as career exploration, that align to district CTE programs offered at middle and high schools. • Examine CTE curricula periodically to ensure it is industry recognized and meets postsecondary and workforce needs. • Align courses so that they lead to an industry certification or articulate into a post-secondary pathway and ultimately employment. • Work to adopt curricula that are approved for federal (Perkins) funding in each school district.
<p>Strategy 3: Delivery Models Identify and promote career and technical education delivery models that ensure that all Alaskans have the opportunity to attain the knowledge and skills needed for further training and careers.</p>	<ul style="list-style-type: none"> • Remain up-to-date on postsecondary options for students, and work with school counselors to ensure that the most current information is available for students, parents, and the community. • Positively and actively promote your district's CTE opportunities. • Support a variety of delivery models for CTE programs, such as distance delivery, intensives, academies, collaborations with other districts, school-to-apprenticeship, contracted industry instructors, dual enrollment, and CTSOs. • Network with other administrators and school boards to learn about and share best practices for a variety of delivery models.
<p>Strategy 4: Instructors Recruit, develop, support, and retain high-quality CTE teachers and faculty.</p>	<ul style="list-style-type: none"> • Advocate for a stable funding system to assure teacher retention and program stability. • Consider policies to better recruit Type M certified teacher candidates in your district. • Consider pedagogy in educational requirements for Type M CTE certificate holders. • Work with students, parents, and industry to identify key CTE subject areas for the community. Look for local talent and recruit instructors for those positions from within the community, utilizing alternative certification methods if necessary. • Strive to provide high quality professional development and training that includes academic, pedagogical, and technology components to educators. • Examine creative approaches to scheduling and staffing. This could include team teaching (i.e., carpentry and math). • Evaluate demand for certified CTE teachers and expand opportunities for professional development that lead to meaningful industry certifications.
<p>Strategy 5: Public Facilities Maximize the use of public facilities for training.</p>	<ul style="list-style-type: none"> • Solicit district CTE Advisory Committee and community members to assist in identifying public facilities that can be used for CTE students; promote such collaborations. • Identify existing processes and agreements to utilize local, state and other public and/or private facilities including the UA system, regional training centers, and industry or trade organizations.
<p>Strategy 6: Funding Establish and maintain sustainable funding mechanisms for a successful CTE system for youth and adults.</p>	<ul style="list-style-type: none"> • Continue a dialog regarding how local, state and federal funds can work to meet the local workforce needs. • Ensure familiarity with formulas and requirements for federal, state and local funding sources that promote CTE programs. • Promote CTE programs that build on existing resources and provide promising results.

Looking Ahead

Call to Action for Continued Implementation

- Promote CTE
- Leverage Existing Workforce Planning Efforts
- Communication with Partners
- Advocate for CTE Investments

Questions and Discussion

- Which stakeholder group(s) do you represent?
- How have you implemented the CTE Plan strategies in your agency?
- What are some ideas you have for continued implementation?

For More
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