

**CAREER & TECHNOLOGY EDUCATION  
SIX-YEAR INSTRUCTIONAL PLAN  
June 9, 2008**

**ABSTRACT**

The Career and Technology Education (C&TE) department six year plan is an integral part of the ASD goals. The following elements of the C&TE program will increase student achievement and reduce the achievement gap:

- Contextual, hands-on learning.
- Academic relevance through practical applications.
- Real-world vocational experiences.
- Business and Industry validated employability skills.
- New 21<sup>st</sup> Century workforce skills for emerging industries.
- Multiple occupational skills assessments and certifications
- Career pathway Program of Studies in fourteen Federal career cluster areas.
- Exploratory career cluster education for middle school students.
- Employability training and education.

Student career pathways are designed, aligned and promoted in occupational Program of Studies which include post-secondary connections through tech/prep articulations with colleges, apprentice programs and other 2 year certified programs. This will encourage student to stay in school and plan for their future.

Occupational readiness assessments are provided by instructor pre-post testing, WorkKeys national assessments, and third party assessment. The C&TE programs are also validated through student national certifications, local advisory boards, On Job Training (OJT), and employment.

The C&TE department represents the ASD on local, State and National boards, commissions and consortia. This assures better curriculum and instructional alignment with State, National and Global employability trends.

The C&TE department six year plan is community based with strong ties and connections to business and industry standards. The current Anchorage School District C&TE Advisory Council is an essential component of those connections.

Year 1 FY 2006 - 2007	Year 2 FY 2007- 2008	Year 3 FY 2008 - 2009	Year 4 FY 2009 - 2010	Year 5 FY 2010 – 2011	Year 6 FY 2011 - 2012
<b>Goal 1:</b> <ul style="list-style-type: none"> <li>▪ Increase achievement of all students</li> <li>▪ Reduce achievement gap</li> </ul>					
Increase annual student achievement with C&TE-related literacy, math and occupational skills.	Establish required Carl Perkins IV student academic achievement baseline for new annual reports.	↑ student achievement increase 3% over baseline or Carl Perkins IV target increases, whichever is greater.	↑ student achievement increase 3% over baseline or Carl Perkins IV target increases, whichever is greater.	↑ student achievement increase 3% over baseline or Carl Perkins IV target increases, whichever is greater.	↑ student achievement increase 3% over baseline or Carl Perkins IV target increases, whichever is greater.
<i>National, state, and local performance standards specific to C&amp;TE are updated and maintained into course curricula, annually.</i>	→	→	→	→	→
<b>Every C&amp;TE course curriculum references Alaska content, employability, occupation skills, and cultural standards and performance Standards.</b>  <i>Work with Instructional Division to integrate employability skills into the Districtwide programs K-12.</i>	→  New Carl Perkins required Program of Studies will include career course pathways (grades 7-18) for 10% of all ASD C&TE courses.  Third party assessments are established in pilot courses using WorkKeys or equivalent programs.  <i>Identify and adopt business and industry standards for employability skills. Adopt</i>	→  New Carl Perkins IV required Program of Studies will include career course pathways (grades 7-18) for 25% of all ASD C&TE courses.  Third party assessments are established in 10% target C&TE courses using WorkKeys or equivalent and appropriate programs.  <i>Develop lesson guides for employability skills education, training and</i>	→  New Carl Perkins IV required Program of Studies will include career course pathways (grades 7-18) for 50% of all ASD C&TE courses.  Third party assessments are established in 20% target classes using WorkKeys or equivalent and appropriate programs.  <i>Develop student assessment of employability skills.</i>	→  New Carl Perkins IV required Program of Studies will include career course pathways (grades 7-18) for all ASD C&TE courses.  Third party assessments are established in 50% target classes using WorkKeys or equivalent and appropriate programs.  <i>Integrate lessons and assessments in pilot-test programs.</i>	→  New Carl Perkins IV required Program of Studies will be reviewed, revised and updated.  Third party assessments are established in all classes using WorkKeys or equivalent assessment or equivalent and appropriate programs.  <i>Adapt lessons and assessments into all C&amp;TE classes and programs.</i>

Career & Technology Education Six-Year Instructional Plan FY07 to FY12

Year 1 FY 2006 - 2007	Year 2 FY 2007- 2008	Year 3 FY 2008 - 2009	Year 4 FY 2009 - 2010	Year 5 FY 2010 – 2011	Year 6 FY 2011 - 2012
	<i>the Statewide Youth Employability Skill YES plan.</i>	<i>assessment.</i>			
<p><b>All C&amp;TE curriculum reflects focus on 21<sup>st</sup> Century Alaskan workforce skills.</b></p> <p><i>Each year an increasing number of C&amp;TE courses and teachers will be linked with business and industry partners.</i></p>	<p>—————→</p> <p><b>Every C&amp;TE program at King Career Center will have a business and industry partnership.</b></p>	<p>—————→</p> <p><b>Every C&amp;TE Career Cluster will have a business and industry partnership.</b></p>	<p>—————→</p> <p><b>Maintain active business and industry partnerships.</b></p>	<p>—————→</p> <p>—————→</p>	<p>—————→</p> <p>—————→</p>
<p><b>Goal 2: Supportive and Effective Learning Environment</b></p>					
<p><b>Decrease student dropout rate while increasing student graduation rate through C&amp;TE participation, concentration and completion.</b></p>	<p><b>Establish new baseline definitions and protocol to measure graduation rates for all C&amp;TE students, as measured by the Alaska Department of Education and Early Development definition of graduation rate and Carl Perkins IV.</b></p>	<p><b>↑ Increase graduation rates as determined by Carl Perkins IV requirements</b></p>	<p><b>↑ Increase graduation rates as determined by Carl Perkins IV requirements</b></p>	<p><b>↑ Increase graduation rates as determined by Carl Perkins IV requirements</b></p>	<p><b>↑ Increase graduation rates as determined by Carl Perkins IV requirements</b></p>
<p><b>Increase student retention in high school with continuance to post secondary programs every year.</b></p>	<p><b>Establish new baseline definitions and protocol to measure Tech Prep as per Carl Perkins IV requirements.</b></p>	<p><b>↑ student retention increase 2% over baseline</b></p>	<p><b>↑ student retention increase 2% over baseline</b></p>	<p><b>↑ student retention increase 2% over baseline</b></p>	<p><b>↑ student retention increase 2% over baseline</b></p>
<p><b>Increase tech/prep opportunities and student enrollment across C&amp;TE areas.</b></p>	<p><b>Increase tech/prep opportunities and student enrollment across C&amp;TE areas as per Carl Perkins IV requirements.</b></p>	<p><b>↑ Tech Prep opportunities Increase 2% over baseline</b></p>	<p><b>↑ Tech Prep opportunities Increase 2% over baseline</b></p>	<p><b>↑ Tech Prep opportunities Increase 2% over baseline</b></p>	<p><b>↑ Tech Prep opportunities Increase 2% over baseline</b></p>

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<b>Goal 3: Public Accountability</b>					
<b>Adhere to Carl Perkins IV Grant guidelines and mandates.</b>	<i>Develop new ASD five year C&amp;TE plan as required by Federal Carl Perkins IV Reauthorization.</i>	<p style="text-align: center;">—————&gt;</p>	<p style="text-align: center;">—————&gt;</p>	<p style="text-align: center;">—————&gt;</p>	<p style="text-align: center;">—————&gt;</p>
<b>Make C&amp;TE Programs more relevant and in alignment with local and state workforce needs.</b>  <i>Support the C&amp;TE Community Advisory Council's effectiveness through the promotion of Council's Mission and Goals.</i>	<p style="text-align: center;">—————&gt;</p> <p><b>Increase attendance and involvement in Advisory Council activities by 5%.</b></p> <p><i>Collaborate in joint initiatives with such organizations and groups as: Anchorage Economic Development Commission, Anchorage and Eagle River Chambers of Commerce, and Municipal Educational Workforce Advisory Commission.</i></p> <p><i>Continue active membership and involvement with such statewide initiatives as Alaska Business Education Compact, Alaska Tech Prep Consortium, and Vocational Training and Education Providers.</i></p> <p><i>Support the VTEP State initiative recommending that all high school students</i></p>	<p style="text-align: center;">—————&gt;</p> <p><b>Increase annual member activities by 5%</b></p> <p style="text-align: center;">—————&gt;</p> <p style="text-align: center;">—————&gt;</p> <p style="text-align: center;">—————&gt;</p>	<p style="text-align: center;">—————&gt;</p> <p><b>Increase annual member activities by 5%</b></p> <p style="text-align: center;">—————&gt;</p> <p style="text-align: center;">—————&gt;</p> <p style="text-align: center;">—————&gt;</p>	<p style="text-align: center;">—————&gt;</p> <p><b>Increase annual member activities by 5%</b></p> <p style="text-align: center;">—————&gt;</p> <p style="text-align: center;">—————&gt;</p> <p style="text-align: center;">—————&gt;</p>	<p style="text-align: center;">—————&gt;</p> <p><b>Increase annual member activities by 5%</b></p> <p style="text-align: center;">—————&gt;</p> <p style="text-align: center;">—————&gt;</p> <p style="text-align: center;">—————&gt;</p>

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	graduate from high school with a diploma and a career guidance plan.				
<p><b>In response to business and industry recommendations, establish new curricula to meet long term Alaskan workforce employment forecasts (e.g., health/medical technology, public safety and security, process industries).</b></p>	<p><i>Identify innovative career clusters aligned with future Alaskan workforce needs.</i></p> <p><i>Continue the expansion of the Anchorage Construction Academy and the Industry and Community Partnerships.</i></p> <p><i>Assist other State regions pilot additional Construction Academies.</i></p> <p><i>Advocate and support for additional C&amp;TE classes at the Comprehensive High Schools.</i></p> <p><i>Expand Public Safety and Security course to at least one comprehensive high school.</i></p> <p><b>School Board adoption of Public Safety and Security course.</b></p>	<p><i>Develop and implement new pilot programs.</i></p> <p>→</p> <p>→</p> <p><b>Student enrollment in C&amp;TE course increased by 5% over FY 2007-2008.</b></p>	<p><i>Assess and evaluate pilot programs as well as outdated programs.</i></p> <p>→</p> <p>→</p> <p><b>Student enrollment in C&amp;TE course increased by 5% over FY 2008-2009.</b></p>	<p><i>Adopt new programs as well as identify programs that no longer meet current workforce needs.</i></p> <p>→</p> <p>→</p> <p><b>Student enrollment in C&amp;TE course increased by 5% over FY 2009-2010.</b></p>	<p>→</p> <p>→</p> <p>→</p> <p><b>Student enrollment in C&amp;TE course increased by 5% over FY 2010-2011.</b></p>