

CTE Course Description and Standards Crosswalk

- The information on page 1 must be entered directly into the EED CTE Web Portal (log in at <https://www.eed.state.ak.us/tls/cte/perkins> with your district credentials)
- Then this entire form can be submitted by using the “*Click here Provide Supporting Documentation*” link on the Web Portal, or by emailing it to ctegrants@alaska.gov.

Basic CTE Course Information

Course Information	
Course Name	Construction II
Course Number	II730
Number of High School Credits	.5
Sequence or CTEPS (You must first have the Sequence or CTEPS name put into the system.)	Construction Management
Occupational Standards	
Source of Occupational Standards	NCCER, International Builders Code (IBC) and Hazardous Materials Management Technology (HMT), American Chemical Society (CLT)
Names/Numbers of Occupational Standards	OSHA-10 hour construction Safety and Health Course NCCER-Core
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	Construction 2 is a second semester course designed to provide students the opportunity to build on the skills learned in Construction 1, while at the same time learning advanced construction techniques and processes.
Instructional Topic Headings (please separate each heading by a semi-colon)	Construction materials, Construction safety, Tools and machines, Site prep, Foundations, Building codes, Insulation, Flooring, Interior, Careers
Summative Assessments and Standards	
Technical Skills Assessment	Y
Course addresses Alaska GLEs	Y
Course addresses Employability Standards	Y
Course addresses Cultural Standards	Y

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Course addresses All Aspects of Industry (AAI)	Y
Career & Technical Student Organization (CTSO)	
CTSO associated with this course	SkillsUSA
Tech Prep	
Current Tech Prep Articulation Agreement? (Y/N)	N
Date of Current Agreement	
Postsecondary Institution Name	
Postsecondary Course Name	
Postsecondary Course Number	
# of Postsecondary Credits	

Additional CTE Course Information

Author	
Course developed by	KPBSD
Course adapted from	Previous Version
Date of last course revision	Nov. 2010
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No
Certificate, Credential, or License	
Industry-recognized skill certificate, credential, or state license that a student is eligible for upon successful completion of the course?	Core-Basic Safety-Module 00104-04 or 09 OSHA-10 hour General Industry Safety and Health Course
Issuing body/organization/agency	NCCER

Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Alaska Reading, Writing, Math, & Science Standards	Alaska Employability Standards	Alaska Cultural Standards	All Aspects of Industry	Formative Assessment
1. Demonstrate safe shop and on site practices for self and others.	NCCER— CORE Basic Safety (00101) SkillsUSA— Technical Standards Book p. 41 (Occupational Health &	R4.2	A6	C3	Health / Safety Work Habits	NCCER CORE Basic Safety SkillsUSA Occupational Health & Safety

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Alaska Reading, Writing, Math, & Science Standards	Alaska Employability Standards	Alaska Cultural Standards	All Aspects of Industry	Formative Assessment
	Safety)					
2. Demonstrate proper selection of appropriate construction materials.	IBC 2006 601	M1.4.1, 2.4.1, 2.4.4, 3.4.1, 4.4.2, R.4.4			Technical Skills Health / Safety	Lab Assignment
3. Demonstrate proper use and maintenance of carpenters' tools and equipment.	NCCER— CORE Intro to Hand Tools (00103)	MA2.4.1-4, R.4.4, 6, SB2	A6		Tech/Prod Hlth/Safety Labor Tech/Prod	NCCER— CORE Intro to Hand Tools, Intro to Power Tools SkillsUSA Carpentry
4. Define and use terms associated with site selection and design.	IBC 2006 201	R4.2			All Aspects of Industry	Lab Assignment
5. Describe when and where to use the different type of foundation materials/designs.	IBC 2006 1801	R4.2			All Aspects of Industry	Lab Assignment Oral Presentation
6. Explain the purpose of Building Codes.	IBC 2006 Preface	R4.2	A6		Planning Management Community Technical	Lab Assignment Oral Presentation

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Alaska Reading, Writing, Math, & Science Standards	Alaska Employability Standards	Alaska Cultural Standards	All Aspects of Industry	Formative Assessment
					Skills Health / Safety	
7. Demonstrate the ability to select and install insulation materials.	IBC 2006 1301	M1.4.1, 2.4.1, 2.4.4, 3.4.1, 4.4.2, R4.4			All Aspects of Industry	Lab Assignment
8. Demonstrate the proper selection and installation of flooring material.	IBC 2006 601	M1.4.1, 2.4.1, 2.4.4, 3.4.1, 4.4.2, R.4			All Aspects of Industry	Lab Assignment
9. Demonstrate the proper selection of interior wall and ceiling coverings.	IBC 2006 803	M1.4.1, 2.4.1, 2.4.4, 3.4.1, 4.4.2, R4.4			All Aspects of Industry	Lab Assignment
10. Identify various careers associated with the construction industry.		M10.4.2 R4.2	B2		Planning Work Habits Technology Technical Skills Lab or Health / Safety	Lab Assignment

Instructional Resources

List the major instructional resources used for this course: (websites, textbooks, essential equipment, reference materials, supplies)

DISTRICT NAME: Kenai Peninsula School District

Occupational Safety and Health Administration (OSHA), US Department of Labor, <http://www.osha.gov>

Core Curriculum Introductory Craft Skills National Center for Construction Education and Research (NCCER): 4th Edition, Contren Learning Series, 2009

Construction Craft Laborer: NCCER: <http://www.nccer.org/construction-craft-laborer?pID=86>

OSHA 10-Hour Construction Course Online: <http://oshaeducationcenter.com/osha-10-hour-training-construction.aspx>

International Building Code: 2012 International Building Code, ISBN: 978-1-60983-040-3

SkillsUSA: <http://www.SkillsUSA.org>

Alaska Safety Instruction Manual, 2001 <http://www.eed.state.ak.us/tls/CTE/>