

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	Woodworking 1
Course Number	II705
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	Occupational Safety and Health Standards (OSHA), National Center for Construction Education Research (NCCER)
Names/Numbers of Occupational Standards	
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	Woodworking 1 is an introductory course that gives students the opportunity to explore the equipment and processes involved in the completion of a quality wood project.
Instructional Topic Headings (please separate each heading by a semi-colon)	Safety, Wood and wood materials, Project layout and design, Measurement, Material selection, Hand tool processes, Machine tool processes, Project construction
Summative Assessments and Standards	

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Technical Skills Assessment	N
Course addresses Alaska GLEs	Y
Course addresses Employability Standards	Y
Course addresses Cultural Standards	N
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)	No
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?	OSHA & NCCER Certificates
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. Describe safe shop procedures for work areas.	OSHA Art.1 NCCER Core	R4.2	A6	C3	3,8	Pre/Post Test
2. Locate safety equipment, escape routes, and emergency procedures.	OSHA Art.1	R4.2	A6	C3	3	Pre / Post Test
3. Describe the importance of wearing personal safety apparel (PSA's).	OSHA Art.1 NCCER Core	R4.2	A6	C3	3	Pre / Post Test
4. Demonstrate safe and proper use of hand and power tools.	OSHA Art.8 NCCER Core #3, 4	R.4.4	A6	C3	3,5,7	Project
5. Describe wood characteristics, and lumber and wood product production.		M1.4.1, 2.4.1, 3.4.1, 4.4.2. R4.2, 4.4		A4	3,7	Pre / Post Test
6. Identify lumber terms, defects, and grading.		R4.2			7	Pre / Post Test Lab Assignment
7. Produce sources of woodworking plans.		R4.2			7	Lab

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
						Assignment
8. Describe the importance of proper planning and drafting.		R4.2			7	Pre / Post Test Lab Assignment
9. Develop a bill of materials for layout and measurement.		M3.4.1, 3.4.2, 3.4.3 R4.2 W4.2			7	Pre / Post Test Lab Assignment
10. Demonstrate proper cutting, sanding, and shaping techniques.		M2.4.1 R4.4	A6		7	Project
11. Describe different wood joining and wood finishing methods.	NCCER Cabinet making Module	R4.2	A6		7	Pre / Post Test Lab Assignment

Instructional Resources

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

Occupational Safety and Health Standards

<http://www.osha.gov/>

High Performance Manufacturing

<https://www.hpmconsortium.com/index.asp>

Vocational-Technical Education Consortium of States

<http://www.kpbsd.k12.ak.us/Curriculum/voced/Standapp/VOCstds.htm>

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SCANS

<http://www.scans.jhu.edu/NS/HTML/Index.htm>

National Electrical Code

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

Hazardous Materials Management Technology
[software.asp](http://www.comply1.com/hazardous-materials-management-software.asp)

[http://www.comply1.com/hazardous-materials-management-](http://www.comply1.com/hazardous-materials-management-software.asp)

Uniform Building Code

http://www.electrical-contractor.net/The_Store/IC/1997UBC_Code.htm

National Center for Construction Education and Research (NCCER) PO
Box 141104
Gainesville, FL 32614-1104 (352) 334-0911

[Website](#)

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

[Email](#)

info@NCCER.org

(ASVAB) Armed Services Vocational Aptitude Battery: Local Military
Recruiter

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

(Auto CAD) Autodesk Inc.
Skills USA VICA

<http://www3.autodesk.com/adsk/0,,129446-123112,00.html>

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

PO Box 3000

Leesburg, VA 20177

(703) 777-8810

American Design Drafting Association (ADDA)

[Website](#)

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

PO Box 799

Rockville, MD 20848

(301) 460-6875

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Email

national@adda.org

High School Graduation Qualifying Examinations (HSGQE) Practice Test

http://www.eed.state.ak.us/tls/assessment/HSGQE/Final_HSGQE_Practice_Test.

Occupational Safety and Health Administration (OSHA), US Dept. of
Labor, Washington, DC

<http://www.osha.gov/>

American National Standards Institute (ANSI)

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

2000 International Building Code (IBC)

http://www.bocai.org/book_building.asp

Building Officials and Code Administrators International, Inc.,

<http://www.bocai.org>

4550 W. Flossmoor Rd.

Country Club Hills, IL 60478-5795,

(800) 214-4321,

<http://www.certification.net/>