

CTE Course Description and Standards Crosswalk

Course Information

Course Name	Housing Concepts
Course Number	86120
Number of High School Credits	.5
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the EED-CTE system.)	Architect, Cabinetry, Carpenter
Date of district Course Revision	April 2014

Career & Technical Student Organization (CTSO)

CTSO embedded in this sequence	Skills USA
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Occupational Standards

Source of Occupational Standards	National Standards for Family and Consumer Sciences Education;
Names/Numbers of Occupational Standards	Area of Study: 11, Housing and Interior Design

Registration Information

Course Description (brief paragraph – as shown in your student handbook or course list)	Housing Concepts covers aspects of the housing/building industry and includes site selection, plan design, and development of a marketable product. Students will help provide information/choices to the Mat-Su Construction Trades Program to develop a fully functional residential building. This class will work with the Architectural Drafting and Interior Design classes to provide the MSCT Program with a functional set of working drawings with help from a civil engineer. A simulated building code inspector process is used from the site selection to the open house to reinforce the industry expectations. Careers associated with this process will be emphasized; for example, home builder, computer-aided drafter, interior designer, real estate agent, and building inspector.
Instructional Topic Headings (please separate each heading by a semi-colon)	Site Selection and Development; Cost Analysis and Securing Financing; Role of the Developer, Contractor, and Builder; Residential vs. Commercial Occupancy; Building Design; Interior vs. Exterior Design; Renting vs. Buying Energy Efficiency; Housing, Environment, and Safety; Americans with Disabilities Act; Reading and Developing Architectural Plans; Use of CAD and Design Problems; Careers in Housing; Encourage Career and Technical Student Organization (CTSO) Involvement

Summative Assessments and Standards

Technical Skills Assessment (TSA)	NCCER
Course addresses:	
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes

Employability Standards

Source of Employability Standards	State of Alaska
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Tech Prep

Current Tech Prep Articulation Agreement? (Y/N)	N
Date of Current Agreement	
Postsecondary Institution Name	

DISTRICT NAME: Matanuska Susitna Borough School District

Postsecondary Course Name	
Postsecondary Course Number	
# of Postsecondary Credits	

DISTRICT NAME: Matanuska Susitna Borough School District

Additional CTE Course Information

Author	
Course developed by	
Course adapted from	
Date of previous course revision	June 2006
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	N

Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
Demonstrate accurate measurement and layout.	11.3.1-6		L.9-12.6	N-Q. 1-3 NCN.4,5,6				NCCER Classroom Observation
Develop a model from a set of working drawings.	11.4.1-6		L.9-12.6	N-Q. 1-3 NCN.4,5,6				NCCER Classroom Observation
Demonstrate design ideas through visual presentation.	11.3.6 11.7.1-6		SL.9-12.4&6	N-Q.1-3				NCCER Classroom Observation
Develop a plan within a set budget including loan process and cost analysis.	11.3.3 11.6.1-5		L.9-12.6	N-Q.1-3 G.CO.1-12 S-ID.9 S-IC.6				NCCER Classroom Observation
Evaluate types of housing in relation to societal influence to include family needs, lifestyle, values, goals, and resources.	11.2.1-4 11.6.1-5		RST.9-12.1-4 WHST.9-12.9 L.9-10.2.a-c L.9-10.3a	G-CO.1-12				NCCER Classroom Observation

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Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
			L.9-12.6					
Identify ways to prevent home accidents, improve home security, and the importance of preventative maintenance.	11.3.2&5 11.4.5		RST.9-12.1-4 WHST.9-12.9 L.9-10.2.a-c L.9-10.3a L.9-12.6					NCCER Classroom Observation
Analyze career paths within the housing, interior design, commercial and educational industry. Identify education or experience need to enter the careers.	11.1.1-7 11.8.1-8		L.9-12.6 WHST.9-12.4 & 8					NCCER Classroom Observation
Compare the design requirements between homes and commercial applications.	11.8.1-8		RST.9-12.1-4 WHST.9-12.9 L.9-10.2.a-c L.9-10.3a L.9-12.6	G-CO.1-12				NCCER Classroom Observation
Analyze the differences and benefits between home ownership and renting.	11.3.2 11.6.2&4		RST.9-12.1-4 WHST.9-12.9 L.9-10.2.a-c L.9-10.3a L.9-12.6	G-CO.1-12				NCCER Classroom Observation

Instructional Resources

List the major instructional resources used for this course: (websites, textbooks, essential equipment, reference materials, supplies)
Housing and Interior Design, 10th Edition, Goodheart – Willcox Company, Inc., Evelyn L. Lewis, Carolyn S. Turner.