

HS Name: BSD ALOHA HS

Community College Name: CONSTRUCTION

CTE Program of Study: BUILDING AND CONSTRUCTION

Date:

ALOHA High School
 Portland Community College
 I&E CONSTRUCTION
 June-11

**Skill Set Crosswalk for Cluster Area--
 Construction**

Code# & Standard	Drafting 1	Drafting 2	Arch 1	Arch 2	Construction	Woods	CC-BCT 102 Residential Printreading	CC-BCT 103 Residential Materials and Methods	CC-BCT 104 Construction Mathematics	CC-BCT 106 Hand Tool/Power Tool Use & Safety	CC-BCT 101 Principles of Construction Surveying	BCT 127 Concrete Construction I	ARCH 110 Intro to Architectural Construction
COZ01.01 - Perform math operations such as estimating and distributing materials and supplies to complete jobsite/workplace tasks.					X	X	X		X	X	X	X	X
COZ02.01 - Use vocabulary and visual cues commonly used in design and construction to be successful in workplace/jobsite communications.	X	X	X	X	X	X		X					
COZ03.01 - Create and implement project plans considering available resources and requirements of a project/problem to accomplish realistic planning in design and construction situations.			X	X	X	X	X	X	X	X	X	X	X
COZ03.02 - Evaluate and adjust design and construction project plans and schedules to respond to unexpected events and conditions.			X	X	X	X					X	X	X
COZ05.01 - Examine how the roles and responsibilities among trades/professions work in relationship to complete a project/job.							X					X	
COZ05.02 - Examine all factors effecting the project and the planning process.			X	X	X								
COZ06.01 - Comply with regulations and applicable codes to establish a legal and safe workplace/jobsite.								X	X			X	X
COZ09.02 - Recognize the responsibilities and personal characteristics of a professional craftsperson to develop personal goals for professionalism.					X	X	X						
COZ10.01 - Read, interpret, and use technical drawings, documents, and specifications to plan a project.	X	X	X	X	X	X				X			X
COZ10.02 - Use and maintain appropriate tools, machinery, equipment, and resources to accomplish project goals.	X	X	X	X	X	X				X		X	

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COZ01.01 - Perform math operations such as estimating and distributing materials and supplies to complete jobsite/workplace tasks.					X	X	X		X	X	X	X	X
COZ02.01 - Use vocabulary and visual cues commonly used in design and construction to be successful in workplace/jobsite communications.	X	X	X	X	X	X		X					
COZ03.01 - Create and implement project plans considering available resources and requirements of a project/problem to accomplish realistic planning in design and construction situations.			X	X	X	X	X	X	X	X	X	X	X
COZ03.02 - Evaluate and adjust design and construction project plans and schedules to respond to unexpected events and conditions.			X	X	X	X					X	X	X
COZ05.01 - Examine how the roles and responsibilities among trades/professions work in relationship to complete a project/job.							X					X	
COZ05.02 - Examine all factors effecting the project and the planning process.			X	X	X								
COZ06.01 - Comply with regulations and applicable codes to establish a legal and safe workplace/jobsite.								X	X			X	X
COZ09.02 - Recognize the responsibilities and personal characteristics of a professional craftsperson to develop personal goals for professionalism.					X	X	X						
COZ10.01 - Read, interpret, and use technical drawings, documents, and specifications to plan a project.	X	X	X	X	X	X				X			X
COZ10.02 - Use and maintain appropriate tools, machinery, equipment, and resources to accomplish project goals.	X	X	X	X	X	X				X		X	

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Skill Set Crosswalk for Sustainable Building Focus Area

Code # & Standard	Drafting 1	Drafting 2	Arch 1	Arch 2	Const	Woods	CC-BCT 103 Residential Materials and Methods
COPK01.02 - Understand how fundamental science concepts and strategies are applied through building science.							x
COPK10.01 - Understand the rationale for sustainability and green building.			x	x	x		x
COPK10.02 - Explain the issues, concepts, strategies, and practices of sustainable site planning and land use.			x	x			
COPK10.03 - Identify water-efficiency and management issues, concepts, strategies, and practices associated with green building.			x	x			
COPK10.04 - Understand how energy is used in buildings and how energy-saving materials, systems, and techniques are utilized in green buildings.			x	x			x
COPK10.05 - Identify indoor environmental quality (IEQ) issues, concepts, strategies and practices associated with green building.							x
COPK10.06 - Understand how materials selection and use is applied in green building.							x
COPK10.07 - Identify green building industry tools and resources.			x	x			
COPK10.08 - Understand how industry accepted practices associated with design, construction and certification impact green building.							