

2019

Skills-to-Course Matrix

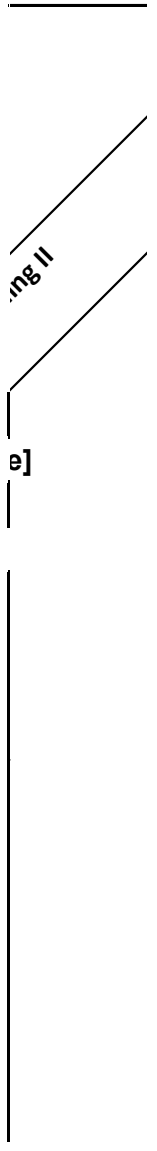
Building Construction

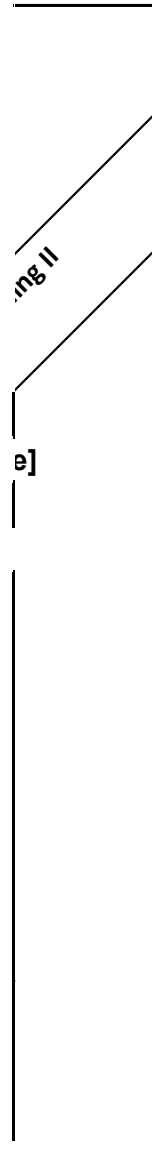
[High School Name]
Portland Community College
Jan-19

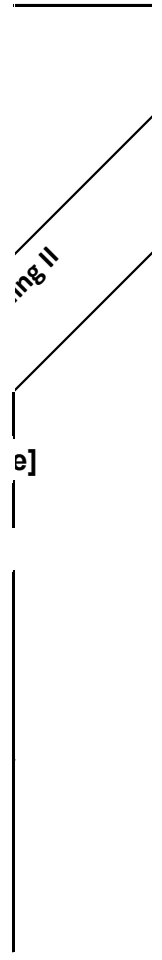
Architecture & Construction Cluster

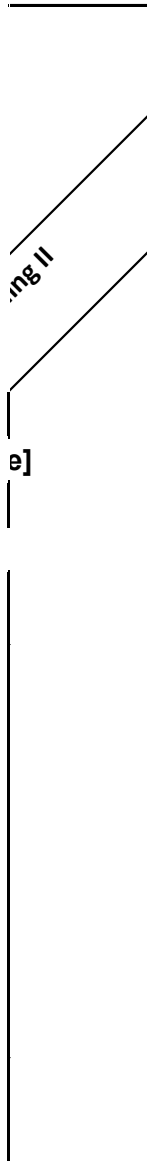
Instructions: 1) Enter the Program of Study name above. 2) Enter your high school name. 3) Enter the community college name. 4) Enter the date. 5) Click on the cell for Course 1 Name, Course 2 Name, etc., and replace with your POS course names--secondary and first year of post-secondary. 6) Enter school course numbers. 7) Enter NCES code for the course (secondary only). 8) Enter number of credits awarded. 9) Identify those courses that trigger the TSA for this POS. 10) Finally, check those standards that are taught with intent and purpose, and are assessed in each course. Note: The optional Focus Area tabs below are included for those POSs that have a very specific industry focus using those skill sets for multiple options in a Program of Study or if you want to use another set of industry validated standards.

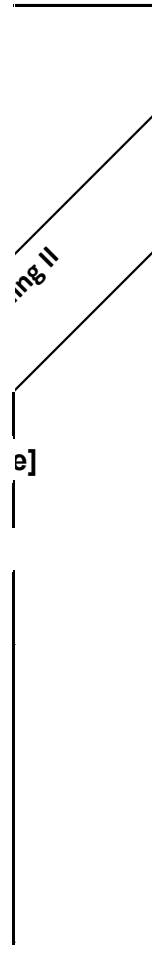
			Residential Print Reading	Residential Materials and Methods	Construction Math	Hand Tool/Power Tool Use and Safety	Introduction to Architectural Drawing	Residential Building Codes	Residential Concrete	Floor Framing	Wall Framing	Roof Framing I	Roof Framing II
			BCT 102	BCT 103	BCT 104	BCT106	ARCH 110	BCT 135	BCT 127	BCT 120	BCT 121	BCT 122	BCT 123
			[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]
			3	3	3	3	2	2	6	3	3	3	3
CTC*	Code Number	KS Statement	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]
AC-CST 1	ACCS01	Understand contractual relationships with all parties involved in the building process to ensure successful build of a project.											
AC-CST 2	ACCS02	Understand approval procedures to ensure effective flow of information in the construction process.		x				x					
AC-CST 3	ACCS03	Understand and implement testing and inspection procedures to ensure successful completion of a construction project.						x					
AC-CST 4	ACCS04	Understand the purpose of scheduling as it relates to the successful completion of a construction project.											
AC-CST 5	ACCS05	Understand and apply practices and procedures required to maintain jobsite safety.		x		x							
AC-CST 6	ACCS06	Manage relationships with internal and external parties to successfully complete construction projects.											
AC-CST 7	ACCS07	Compare and contrast the building systems and components for a given project.											
AC-CST 8	ACCS08	Demonstrate the construction crafts required for each phase of a given project.											
AC-CST 9	ACCS09	Safely use and maintain appropriate tools, machinery, equipment, and resources to accomplish construction project goals.				x							











mg II

[e]

