

**Portland Community College
Agruculture/Landscape Technology
12/1/2016**

2016

Instructions: 1) Enter your high school name above. 2) Enter the community college name. 3) Enter the Program of Study name. 4) Enter the date. 5) Click on Course 1, Course 2, etc. below and replace with your POS course names (or numbers). 6) Check those courses that trigger the TSA for this POS. 7) Finally, check those standards that are taught with intent and purpose, and are assessed

[illegible]

Agriculture Food & Natural Resource Systems Cluster

2016

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[illegible]

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CSS 200

HOR 226

HOR 227

LAT 236

HOR 228

LAT 106

LAT 108

LAT 101

LAT 109

LAT 102

[illegible]

Community College Name:
CTE Program of Study Name:
Date:

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Animal Systems Focus Area

2016

Skills-to-Course Matrix

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Focus Area Knowledge and Skills (CTE standards)

[illegible]

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Environmental Service Systems Focus Area

2016

Skills-to-Course Matrix

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Focus Area Knowledge and Skills (CTE standards)

[illegible]

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LAT 102

[illegible]

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Natural Resources **Focus Area**

2016

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Focus Area Knowledge and Skills (CTE standards)

CCTC	Code Number	KS Statement	CSS 200 TSA?	HOR 226 TSA?	HOR 227 TSA?	LAT 236 TSA?	HOR 228 TSA?	LAT 106 TSA?	LAT 108 TSA?	LAT 101 TSA?	LAT 109 TSA?	LAT 102 TSA?
AG-NR 1	AGNR01	Plan and conduct natural resource management activities that apply logical, reasoned, and scientifically based solutions to natural resource issues and goals.						X		X	X	
AG-NR 2	AGNR02	Analyze interrelationships between natural resources and humans needed to manage natural resource						X			X	
AG-NR 3	AGNR03	Develop plans to ensure responsible and sustainable production and processing of natural resources.									X	
AG-NR 4	AGNR04	Demonstrate responsible control and management procedures and techniques to protect or maintain natural resources.						X	X		X	

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Plant Systems **Focus Area**

2016

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Focus Area Knowledge and Skills (CTE standards)

CCTC	Code Number	KS Statement	CSS 200	HOR 226	HOR 227	LAT 236	HOR 228	LAT 106	LAT 108	LAT 101	LAT 109	LAT 102
			TSA?	TSA?	TSA?	TSA?	TSA?	TSA?	TSA?		TSA?	TSA?
AG-PL 1	AGPL01	Develop and implement a crop management plan for a given production goal that accounts for environmental	x		x		x		x	x		
AG-PL 2	AGPL02	Apply the principles of classification, plant anatomy, and plant physiology to plant production and management.	x	x	x		x	x		x		
AG-PL 3	AGPL03	Propagate, culture, and harvest plants and plant products based on current industry standards.						x		x		
AG-PL 4	AGPL04	Apply principles of design in plant systems to enhance an environment (e.g., floral, forest, landscape, and						x	x	x		

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Power, Structure and Technology Systems Focus

Area

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AG-PST 1	AGPT01	Apply physical science principles and engineering applications related to mechanical equipment, structures, and biological systems to solve problems and improve performance in AFNR power, structural, and technical systems.							X			
AG-PST 2	AGPT02	Operate and maintain mechanical equipment related to AFNR power, structural, and technical systems.							X		X	X
AG-PST 3	AGPT03	Service and repair mechanical equipment and power systems used in AFNR power, structural, and technical systems.										
AG-PST 4	AGPT04	Plan, build, and maintain AFNR structures.										
AG-PST 5	AGPT05	Use control, monitoring, geospatial, and other technologies in AFNR power, structural, and technical systems.							X			