

2019

Skills-to-Course Matrix

Mechanical Technology

Tigard High School

Portland Community College

Mar-19

Automotive & Heavy Equipment 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/are using those skill sets for multiple options in a Program of Study or if you want to use another set of industry validated standards.

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2019

Skills-to-Course Matrix

Mechanical Technology

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Portland Community College
Mar-19

Automotive Service Technology Focus Area

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			Auto Tech 1	Auto Tech 2	Auto Electrical/Electronics	Auto Engine Repair	Auto Engine Performance	Advanced Auto Application	[Course 7 Name]	[Course 8 Name]	[Course 9 Name]	[Course 10 Name]
Focus Area Knowledge and Skills (CTE standards)			20103	20105	20105E	20104ER	20104EP	20104	[Course Number]	[Course Number]	[Course Number]	[Course Number]
			20103	20105	20105	20104	20104	20104	[NCES Code]	[NCES Code]	[NCES Code]	[NCES Code]
			0.5	0.5	0.5	0.5	0.5	0.5	[# of Credits]	[# of Credits]	[# of Credits]	[# of Credits]
			N	N	N	N	Y	N	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]	[TSA--Y or N?]
CCTC*	Code Number	KS Statement										
	AHAS01	Perform Lube, Oil, and Filter (LOF) and preventive maintenance needed for entry level employment of the <u>automobile service and repair field</u> .	X									
	AHAS02	Perform skills and determine necessary actions needed in the automatic transmission area of automotive service and repair.						X				
	AHAS03	Perform skills and determine necessary actions needed in the manual drive train and axles area of automotive service and <u>repair</u> .						X				
	AHAS04	Perform skills and determine necessary actions needed in the suspension and steering area of automotive service and repair.		X								
	AHAS05	Perform skills and determine necessary actions needed in the <u>brakes area of automotive service and repair</u> .		X								
	AHAS06	Perform skills and determine necessary actions needed in the electrical/electronic systems area of automotive service and			X							
	AHAS07	Perform skills and determine necessary actions needed in the engine performance area of automotive service and repair.					X					
	AHAS09	Perform skills and determine necessary actions needed in the <u>engine repair area of automotive service and repair</u> .				X						
	AHAS10	Perform skills and determine necessary actions needed in the heating and air conditioning area of automotive service and <u>repair</u> .						X				
	AHAS11	Perform specialized skills and determine necessary actions needed in the automatic transmission area of automotive <u>service and repair</u> .						X				
	AHAS12	Perform specialized skills and determine necessary actions needed in the manual drive train and axles area of automotive <u>service and repair</u> .						X				
	AHAS13	Perform specialized skills and determine necessary actions needed in the engine repair area of automotive service and <u>repair</u> .			X							

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Skills-to-Course Matrix

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Mar-19

Collision Repair & Refinishing Focus Area

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Skills-to-Course Matrix

Mechanical Technology

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Portland Community College

Mar-19

Heavy Equipment Service Technology Focus Area

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