HS Name:	Benson	Polytechnic	High Scho	ol							
Community College Name:	Portland	d Communit	y College								
CTE Program of Study:	Automo						Introduction	Engine Rep		Drivetrain	Drivetrain
Date:	2014/20	015	1	T			Automotive		Systems I	Systems II	Systems III
Skill Set Crosswalk for Cluster Area Auto & Heavy Equip Technology http:// www.ode.state.or.us/apps/oss/default.aspx?cla=311&c=1500	automotive.1	automive2	automotive?	automotiveA	AN 100	amili	AM 131	AM 221	AM 132	AMIST	amlai
Code & # Standard AHT01.01 - Use Mathematics in the service and repair of automobiles or heavy equipment.	x	x	x	x	x	x	x	x	x	x	x
AHT01.02 - Understand the application of the principles of science used in modern automobiles or heavy equipment.			x		×	×	x	×	x	x	x
AHT02.01 - Use communication skills to service and repair automobiles or heavy equipment.	x	×	x	×	x	x	x	x	x	x	x
AHT02.02 - Identify and use sources of service information used in the service and repair of automobiles or heavy equipment.			×	x	x	x	×	×	×	x	x
AHT02.03 - Use vehicle identification information in the service and repair of automobiles or heavy equipment.		x	x	×	x	x	x	x	×	x	x
AHT03.01 - Use problem solving and critical thinking skills when diagnosing, servicing, and repairing automobiles or heavy equipment.	x	x	x	x	x	x	x	x	x	x	x
AHT04.01 - Use information technology (IT) resources for the repair and service of automobiles or heavy equipment.	5		x	×	x	x	x	x	x	x	x
AHT05.01 - Describe the concept of multiple components connected and operating in a system.			x	×		x	x	×	x	x	x
AHT05.02 - Describe the design and operation of the systems and subsystems in modern automobiles or heavy equipment.			x	x		x	x	x	x	x	x
AHT06.01 - Develop and practice safe working habits while servicing and repairing automobiles of heavy equipment.	r x	x	x	x	x	x	x	x	x	x	x
AHT06.02 - Develop and practice EPA (Environmental Protection Agency) acceptable practices when dealing with hazardous and nonhazardous wastes in the service and repair of automobiles or heavy equipment.			x	x	x	x	x	x	x	x	x
AHT07.01 - Practice leadership traits and habits in the workplace. AHT07.02 - Demonstrate teamwork in the service	x	x	x	x	x	x	x	x	x	x	x
and repair of automobiles or heavy equipment.	x	x	х	X	x	x	x	x	x	х	x

Undercar Systems I	Systems Systems		Electrical Systems I	Electrical Systems II	Electrical Systems III	Heating and Air Conditio ning	Engine Perform ance I	Engine Perform ance II	Engine Perform ance III	Auto Shop Lab I	Auto Shop Lab II	Auto Shop Lab III
AMIA	AMIGI	AM162	AM 163	AMITI	AM 181	AM 182	AM 183	AM201	AM 202	AM 203		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	х	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		

				P2	,too	RM 111		AMA 22 Engine Repa	nn 22 ir Drivetrain Systems I	pm¹⁵¹ Drivetrain Systems II	AM ^{AAI} Drivetrain Systems III
AHT11.02 - Analyze tool costs related to the service and repair of automobiles or heavy equipment.					×	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	**	\$		\$	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
AHT11.01 - Identify the different payment systems for employee pay and customer billing in the service and repair of automobiles or heavy equipment.					x			x	x		×
AHT10.02 - Practice professionalism with customers' vehicles or equipment during the service of automobiles or heavy equipment.			x	×	x		x	x	x	x	x
AHT10.01 - Demonstrate the safe and proper use of tools needed for the service and repair of	x	x	x	X	x	x	x	x	x	x	x
AHT09.03 - Describe potential career advancement opportunities for automotive or heavy equipment careers.	x	x	x	X							
AHT09.02 - Describe various workplace characteristics of automotive or heavy equipment related career areas.			x	X	x						
AHT09.01 - Develop materials and practice the skills necessary for successful employment interviews.				×							
AHT08.04 - Understand the liability issues related to repairs made to customer's automobiles or heavy equipment.				×	x						
AHT08.03 - Understand legal driving requirements in the repair and service of automobiles or heavy equipment.				x	x	x	x	×	x	x	×
AHT08.02 - Follow legal responsibilities when working with safety systems on automobiles or heavy equipment.			x	X	x	x	x	x	x	x	x
habits when working with customers, managers, and peers in the service and repair of automobiles or heavy equipment.			x		x	x	x	x	x	x	x

x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
x	x	x	x	x	x	x	x	x	x	x		
								x	x	x		
								x	x	x		
x	x	x	x	x	x	x	x	x	x	x	 	
x			x	x				x	x	x		
x			x	x				x	x	x		
ANN 142	AM 161	AMIES	AM 163	amin	AM 181	AM182	AM 183	AM 201	AM 202	AM 203		
Undercar Systems I	Undercar	Undercar	Electrical Systems I	Electrical	Electrical	Heating	Engine Perform	Engine Perform ance II	Engine Perform ance III	Auto Shop Lab I	Auto Shop Lab II	Auto Shop Lab III

Benson	Benson High School											Portland Community College										
PCC			-																			
AUTO																						
10/5/2010	auto-1	auto-2	auto-3	auto-4	uction to Autom	Repair	ain	ain	ain System	ar System	ar	ar	al	System	al	g and	Perform ance I	Engine Perform ance II	Engine Perform ance III	Auto Shop Lab I		
Skill Set Crosswalk for Auto Service Tech																						
Focus Area	*2	45	¥5'	45	AMIDO	AMILI	AM 131	AMIZI	AM 132	AMIST	AMIAI	AMIAZ	AMIGI	AMIGI	AM 163	AMIT	AM181	AM 182	AM 183	AM 201		
Code # and Standard AHTA10.03 - Perform Lube, Oil, and Filter (LOF) and preventive maintenance needed for entry-level employment of the automobile service and repair field. AHTA10.04 - Perform skills and determine necessary actions needed in the automatic transmission area of automotive service and repair.		×	×	×	×			×	x											x		
AHTA10.05 - Perform skills and determine necessary actions needed in the manual drive train and axles area of automotive service and repair.			×	x			x	x												x		
AHTA10.06 - Perform skills and determine necessary actions needed in the suspension and steering area of automotive service and repair.			x								x	x								x		
AHTA10.07 - Perform skills and determine necessary actions needed in the brakes area of automotive service and repair. AHTA10.08 - Perform skills and determine necessary actions needed in the electrical/ electronic systems area of automotive service and		×	x x	x						x	x		x	x	x					x x		
repair. AHTA10.09 - Perform skills and determine necessary actions needed in the engine performance area of automotive service and repair. AHTA10.10 - Perform skills and determine necessary actions needed in the engine repair area of automotive service and repair.	x	×	x	×		×											x	x	x	x		
AHTA10.11 - Perform skills and determine necessary actions needed in the heating and air conditioning area of automotive service and repair.				x												x				x		
AHTA12.04 - Perform specialized skills and determine necessary actions needed in the automatic transmission area of automotive service and repair.								x	x											x		



AHTA12.05 - Perform specialized skills and determine necessary actions needed in the manual drive train and axles area of automotive service and repair.			x	x												x
AHTA12.10 - Perform specialized skills and determine necessary actions needed in the engine repair area of automotive service and repair.		x														x
	Introd	Engine	Drivetr	Drivetr	Drivetr	Underc	Underc	Underc	Electric	Electric	Electric	Heatin	Engine	Engine	Engine	Auto
	uction	Repair	ain	ain	ain	ar	ar	ar	al	al	al	g and	Perform	Perform	Perform	Shop Lab
	to		System	System	System	System	System	System	System	System	System	Air	ance I	ance II	ance III	1
	Autom			s II								Conditi				
	otive											oning				

