

## AUTOMOTIVE Program Outcomes Crosswalk and 7-Year Assessment Plan

- IO1 **Communication:** Students will be able to communicate clearly and effectively within a workplace context
- IO2 **Quantitative Reasoning:** Students will be able to reason mathematically using methods appropriate to the profession
- IO3 **Human Relations/Workplace Skills:** Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills
- PO4 Students will demonstrate proper shop safety procedures and hazardous waste handling while performing repairs and diagnostics in the lab
- PO5 Students will use proper tools during repair and diagnostic work in the lab
- PO6 Students demonstrate the ability to retrieve service information from manuals and on-line sources
- PO7 By program completion, students will pass the ASE Student Exams including engine repair, automatic transmissions, manual transmissions, steering and suspension, brakes, electrical/electronics, HVAC, and engine performance

AUT PROGRAM OUTCOME AND COURSE CROSSWALK								
Course #	Course Name	IO1	IO2	IO3	PO4	PO5	PO6	PO7
AUT 105	AUTO PERSONAL COMP APP						X	
AUT 111	AUTO ENGINE SERVICE							X
AUT 115	AUTO SHOP SAFETY				X			
AUT 121	AUTO ELECTRICAL/ ELECTRONICS							X
AUT 124	BRAKE SYSTEM SERVICE							X
AUT 125	SUSPENSION STEERING & ALIGN			X				
AUT 131	MANUAL DRIVE TRAIN & AXLE			X				
AUT 132	HYDRAULIC SYSTEMS			X				
AUT 190	SKILLS LAB I					X		
AUT 211	AUTO CONVENIENCE SYSTEMS			X				
AUT 212	AUTOMATIC TRANSMISSION REPAIR			X				
AUT 213	AUTO SERVICING I			X				
AUT 220	ENGINE PERFORMANCE			X				
AUT 223	AUTO SERVICING II			X				
AUT 231	AUTO HEAT & AIR COND							X
AUT 290	SKILLS LAB II					X		
AUT 295/7	WORK-BASED LEARNING		X					

<b>AUT PROGRAM OUTCOME AND COURSE CROSSWALK</b>								
<b>Course #</b>	<b>Course Name</b>	<b>IO1</b>	<b>IO2</b>	<b>IO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
ENGL 109	APPLIED TECH WRITING	X						
MAP 101	APPLIED MATH			X				

<b>AUT 7-YEAR ASSESSMENT PLAN</b>								
<b>Course #</b>	<b>Course</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>	<b>2025-26</b>
AUT 105	AUTO PERSONAL COMP APP						PO 6	
AUT 111	AUTO ENGINE SERVICE							PO7
AUT 115	AUTO SHOP SAFETY				PO 4			
AUT 121	AUTO ELECTRICAL/ELECTRONICS							PO7
AUT 124	BRAKE SYSTEM SERVICE							PO7
AUT 125	SUSPENSION STEERING & ALIGN			IO 3				
AUT 131	MANUAL DRIVE TRAIN & AXLE			IO 3				
AUT 132	HYDRAULIC SYSTEMS			IO 3				
AUT 190	SKILLS LAB I					PO 5		
AUT 211	AUTO CONVENIENCE SYSTEMS			IO 3				
AUT 212	AUTOMATIC TRANSMISSION REPAIR			IO 3				
AUT 213	AUTO SERVICING I			IO 3				
AUT 220	ENGINE PERFORMANCE			IO 3				
AUT 223	AUTO SERVICING II			IO 3				
AUT 231	AUTO HEAT & AIR COND							PO7
AUT 290	SKILLS LAB II					PO 5		
AUT 295/7	WORK-BASED LEARNING			IO 3				
ENGL 109	APPLIED TECH WRITING	IO 1						
MAP 101	APPLIED MATH		IO 2					