

Assessment Impact by Course Objectives
Palau Community College
Program (AM) - Automotive Mechanics Technology

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CLO: AM 101 - Vehicle Operation: CLO 1

Inspect Under hood Components

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate knowledge of under-hood components, vehicle fluids and causes/solutions for deterioration and breakdown. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Check vehicle fluid and evaluate quality; check air filter and evaluate quality; measure belt tension and analyze belt wear and check battery, radiator and vacuum hoses. Signature assignment: Skill Sheet	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Skill Sheet - 02/22/2016 - 87.5% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AM-101 Skills Fall 2015 slr.pdf	02/22/2016 - Actual results: 14 out of 16 students are proficient; 12 are competent and 2 are highly competent. Therefore, 87.5% of the students assessed passed the skills assessment. Analyzed results: The students established their expertise on changing engine oil and filter Recommendations: Establish more mock-ups for CLO#1 to improve the percentage of highly competent students. Action plan: Mock-up for CLO#1 must be established on July 2016		2015-2016 (Fall 2015)
Skill Sheet - 12/20/2014 - 83% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes	12/20/2014 - Establish a list of under-hood components and their specifications to help students identify parts, liquids, fluids, and materials that will not meet the requirements.		2014 - 2015 (Fall 2014)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Related Documents: AM-101 scan skills fall 2014.pdf			
Final Exam - 12/20/2014 - 25% of the students assessed performed at the proficiency level.	12/20/2014 - Purchase DVD player and flat screen T.V to easily access on film showing for technical matters on under-hood components.		2014 - 2015 (Fall 2014)
Expected Student Performance Met: No			
Related Documents: AM-101 scan knowledge CLO 1, 2, & 3 fall 2014.pdf			

CLO: AM 101 - Vehicle Operation: CLO 2

Inspect vehicle main components

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of methods applied in the inspection of vehicle main components and determine causes of wear. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Check suspension, steering, brake, drive train, lighting, charging and starting system components; identify vehicle speed specifications, read panel board gauges, warning light instruments and controls; and interpret vehicle maintenance schedules. Signature assignment: Skill Sheet	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Skill Sheet - 02/22/2016 - 87.5% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AM-101 Skills Fall 2015 slr.pdf	02/22/2016 - Actual results: 14 out of 16 students are proficient; 11 students are competent and 3 are highly competent Therefore, 87.5% of the students assessed passed the skills assessment. Analyzed results: The students established their expertise on suspension components and brake system Recommendations: Establish more mock-ups for CLO#2 to improve the percentage of highly competent students. Action plan: Mock-up for CLO#2 must be established		2015-2016 (Fall 2015)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
	on July 2016		
Skill Sheet - 12/20/2014 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AM-101 scan skills fall 2014.pdf	12/20/2014 - Invite walk-in customers to help students learn on inspecting vehicle main components for free labor of charge.		2014 - 2015 (Fall 2014)
Final Exam - 12/20/2014 - 58% of the students assessed performed at the proficiency level. Expected Student Performance Met: No Related Documents: AM-101 scan knowledge CLO 1, 2, & 3 fall 2014.pdf	12/20/2014 - Purchase DVD player and flat screen T.V to easily access on film showing for technical matters on vehicle main components.		2014 - 2015 (Fall 2014)

CLO: AM 101 - Vehicle Operation: CLO 3

Clean Vehicle Unit

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate knowledge of the procedures applied in cleaning the vehicle unit. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Clean vehicle interior, body, underbody, and engine compartment with specified automotive cleaning materials. Signature assignment: Skill Sheet	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Skill Sheet - 02/22/2016 - 87.5% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AM-101 Skills Fall 2015 slr.pdf	02/22/2016 - Actual results: 14 out of 16 students are proficient; 9 students are competent and 5 students are highly competent. Therefore, 87.5% of the students assessed passed the skills assessment. Analyzed results: The students established the ability to Identify cleaning materials and wash vehicle body panel Recommendations:		2015-2016 (Fall 2015)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
	Make car wash advertisement to master CLO#3 and thus improve the percentage of highly competent students. Action plan: Advertise PCC car wash on July 2016.		
Skill Sheet - 12/20/2014 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AM-101 scan skills fall 2014.pdf	12/20/2014 - Invite walk-in customers to help students learn how to clean vehicle unit for free labor of charge.		2014 - 2015 (Fall 2014)
Final Exam - 12/20/2014 - 75% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AM-101 scan knowledge CLO 1, 2, & 3 fall 2014.pdf	12/20/2014 - Establish a list of materials for cleaning, polishing, remover, and dirt / paint protector.		2014 - 2015 (Fall 2014)

CLO: AM 101 - Vehicle Operation: CLO 4

Obey and Observe Traffic Rules and Regulation

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate knowledge of traffic rules and regulations. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Operate a light duty vehicle with road courtesy and in compliance with traffic rules and regulations. Signature assignment: Skill Sheet	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Skill Sheet - 02/22/2016 - 87.5% of the students assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: AM-101 Skills Fall 2015 slr.pdf	02/22/2016 - Actual results: 14 out of 16 students are proficient; all students are competent. Therefore, 87.5% of the students assessed passed the skills test. Analyzed results:		2015-2016 (Fall 2015)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
	<p>The students established a proper driving skills and knowledge on obeying traffic rules and regulation.</p> <p>Recommendations: Establish more mock-ups for CLO#4 to improve the percentage of highly competent students.</p> <p>Action plan: Mock-up for CLO#4 must be established on July 2016</p>		
<p>Skill Sheet - 12/20/2014 - 75% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes</p> <p>Related Documents: AM-101 scan skills fall 2014.pdf</p>	<p>12/20/2014 - Purchase one vehicle unit equip with manual transmission to help students learn on driving manual transmission vehicle.</p>		2014 - 2015 (Fall 2014)
<p>Final Exam - 12/20/2014 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes</p> <p>Related Documents: AM-101 scan knowledge clo 4, 5 fall 2014.pdf</p>	<p>12/20/2014 - Establish sign board for traffic signs and road markers to help students understand the traffic rules and regulations.</p>		2014 - 2015 (Fall 2014)

CLO: AM 101 - Vehicle Operation: CLO 5

Drive Light Duty Vehicle

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
<p>Demonstrate knowledge of procedures that should be performed before, during, and after driving a light duty vehicle. Signature assignment: Final Exam</p>	70% of the students assessed will perform at the proficiency level.		Yes
<p>Perform pre-driving checks and adjustments, driving procedures, and defensive driving while operating a light duty vehicle and cope with basic vehicle problems that are within the range of a driver's capacity. Signature assignment: Skill Sheet</p>	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed

Results

Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
<p>Skill Sheet - 02/22/2016 - 68.7% of the students assessed performed at the proficiency level</p> <p>Expected Student Performance Met: No</p> <p>Related Documents: AM-101 Skills Fall 2015 slr.pdf</p>	<p>02/22/2016 - Actual results: 11 out of 16 students are proficient; 10 students are competent and 1 student is highly competent. Therefore, 68.7% of the students assessed passed the skills test.</p> <p>Analyzed results: The students need more practice to drive on vehicle equip with manual transmission.</p> <p>Recommendations: Establish more mock-ups for CLO#5 to improve the percentage of highly competent students.</p> <p>Action plan: Mock-up for CLO#5 must be established on July 2016</p>		2015-2016 (Fall 2015)
<p>Skill Sheet - 12/20/2014 - 83% of the students assessed performed at the proficiency level.</p> <p>Expected Student Performance Met: Yes</p> <p>Related Documents: AM-101 scan skills fall 2014.pdf</p>	<p>12/20/2014 - Purchase vehicle unit equip with manual transmission; to help students learn how to drive vehicle equip with manual transmission.</p>		2014 - 2015 (Fall 2014)
<p>Skill Sheet - 12/20/2014 - 92% of the students assessed performed at the proficiency level.</p> <p>Expected Student Performance Met: Yes</p> <p>Related Documents: AM-101 scan knowledge clo 4, 5 fall 2014.pdf</p>	<p>12/20/2014 - students must know the procedures prior to drive the vehicle, understand defensive driving, and the operating systems of a car.</p>		2014 - 2015 (Fall 2014)