



“We Strive to Guarantee Quality and Excellence”

Palau Community College is an accessible public educational institution helping to meet the technical, academic, cultural, social, and economic needs of students and communities by promoting learning opportunities and developing personal excellence.

Instructional Programs
(Academic Degree & Certificate Programs)

Four Year Program Review

Degree / Certificate Program

Automotive Mechanics Technology

Period of Four Year Review

Fall 2012 to summer 2016

Program Review Completed By:

Name	Title	Signature	Date
Nobby Enano	Automotive Instructor		6/19/17

Program Review Certified By:

Name	Title	Signature	Date
Robert Ramarui	Dean of Academic Affairs		6/19/17

Program Review Received By: (Institutional Research & Evaluation Office)

Name	Title	Signature	Date
Ligaya Sarah	IR Specialist		6/19/17

Purpose:

Program review at Palau Community College is a process that provides an extensive evaluation of academic and non-academic programs on a four year basis. The results of yearly assessments (using the FAMED process) are compiled into the one four year review cycle.

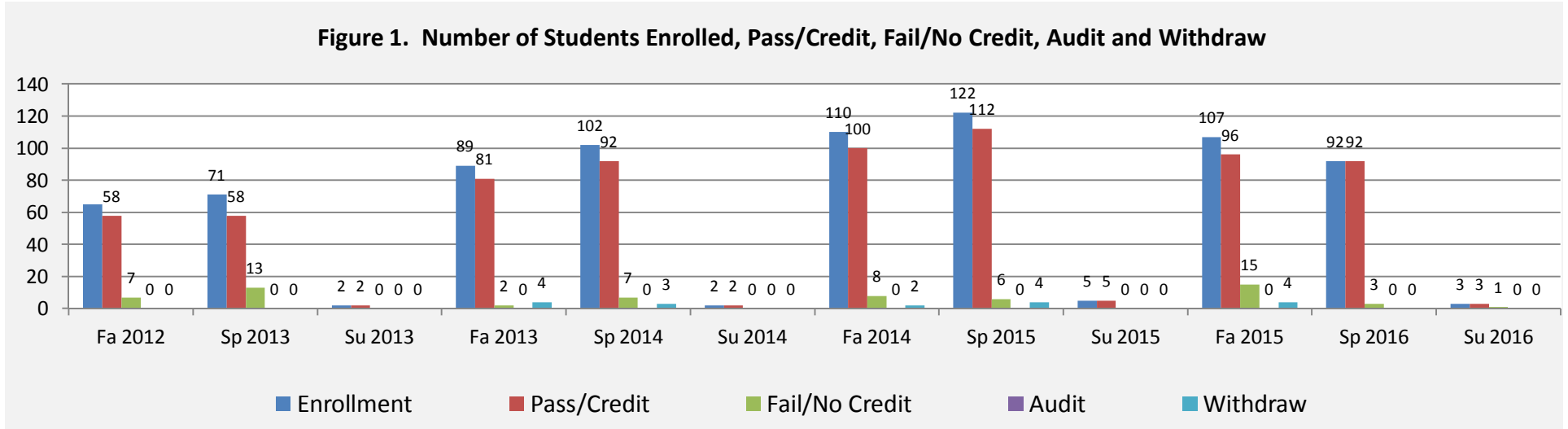
The purpose of program review is to evaluate program sufficiency to allow definite strategies to be developed for major revisions, to provide information for consideration when decisions are made, and to develop recommendations to improve institutional effectiveness.

**Instructions for completing Program Review:**

1. Type your text into the boxes. The text boxes will expand to accommodate the amount of text spaces you need.
2. Individual instructions are included before each section.
3. Submit completed and signed Program Review in both hard copy and electronic copy format to the Institutional Research & Evaluation Office.
4. Required supporting documents must be included during submission.
 - Appendix A: CLOs – PLOs – ILOs Mapping (e-copy only)
 - Appendix B: Most Approved CLOs and PLOs (e-copy only)
 - Appendix C: FAMED grid of all course assessment data within review cycle (e-copy only)
5. Be sure to keep both hard and electronic copies for your file.

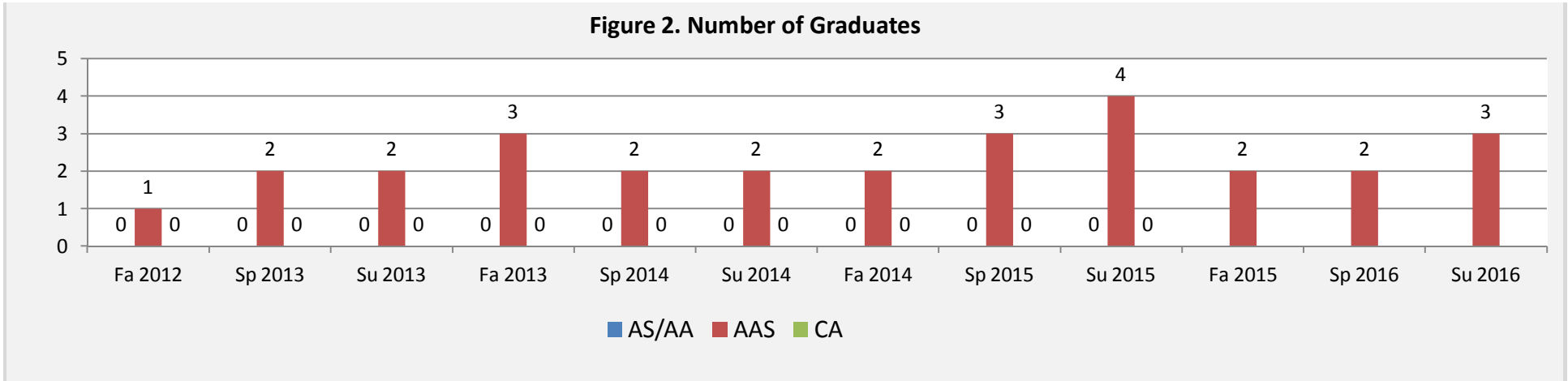
Note: Other college plans may include the 15-Year Institutional Master Plan, the 5-Year Technology Plan, Institutional Learning Outcomes, Institutional-Set Standards for Student Achievement, or other plans, such as an approved department plan or committee plan.

1.0 Program Data



Brief summary of data

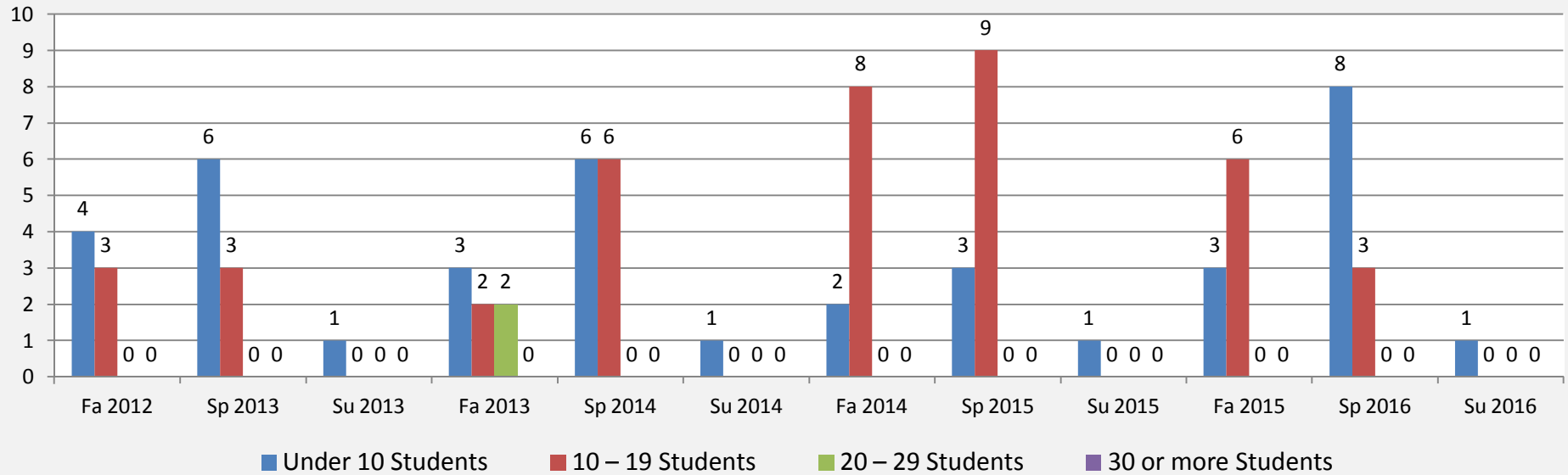
The enrolment and the percentage of students passed in this program has a big leap since school year 2014 to 2016; this would be the reward of our hard work in updating our curriculum, assessing student competency, and determining students learning style. In addition, PCC career guidance had made their commitment to advertise the programs and courses offered in Palau Community College; they invite the public to visit college (PCC) every career week and show our training mock-up and other showcase to educate, inform, and encourage each individual to enroll and earn a degree or a certificate in PCC.



Brief summary of data

The percentage of our graduate is too small to think about, this because some students have hard time to finish general courses and causing delay for them to graduate. This data would be our reference to find ways in improving the percentage of our graduates for the next cycle review.

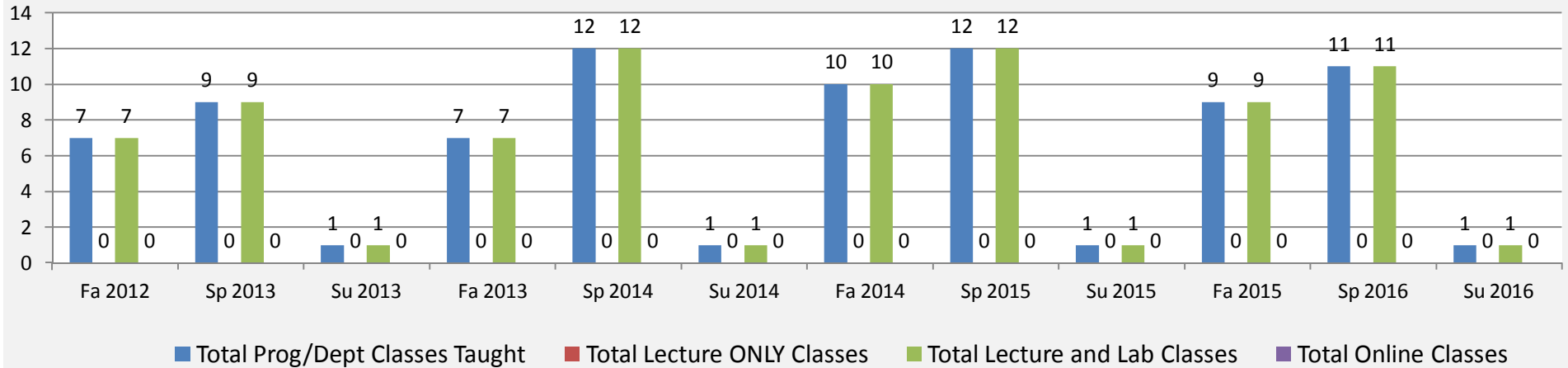
Figure 3. Number of Classes Based on Student Enrollment



Brief summary of data

Classes with 10 – 19 students or 20 – 29 students are very challenging to teach and we came to conclusion to increase our trainer mock-up or sections of classes to accommodate this number of students without affecting the quality of learning and teaching, but becoming more interesting and build team work.

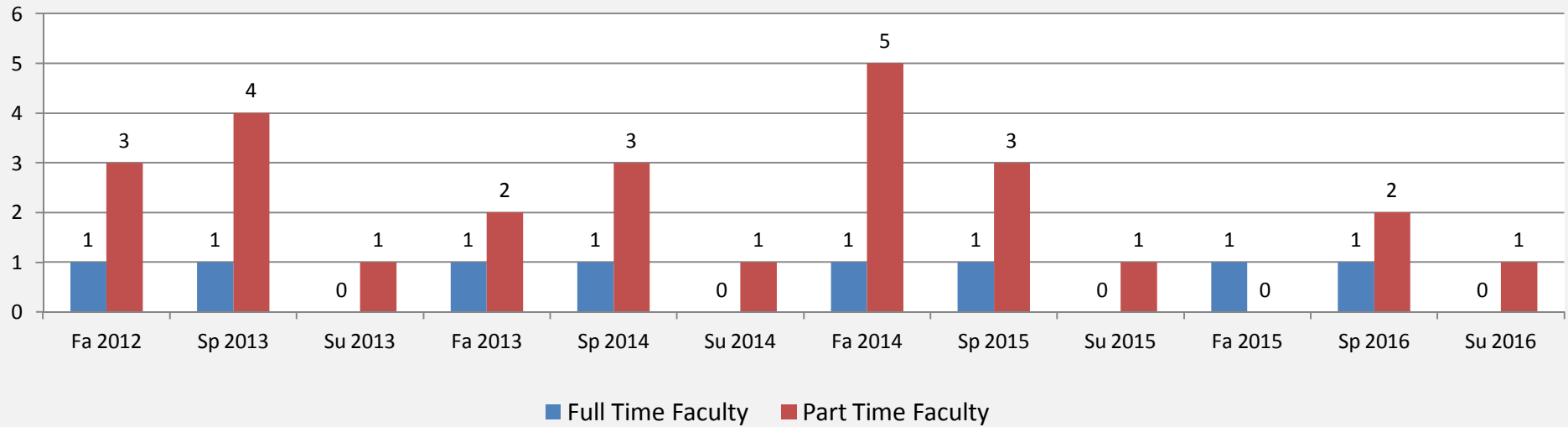
Figure 4. Class Offering



Brief summary of data

All AM courses have lecture and lab classes and we spend 30% of our time on lecture and 70% on laboratory (hands-on practice) to make sure that the students are equip with the basic knowledge and skills required by the industries. Some courses are created with two sections to accommodate our students need and provide quality education.

Figure 5. Faculty Head Count



Brief summary of data

We invited some instructors from other department to teach AM courses to preserve the quality of teaching and the availability of each AM courses offered in every semester.

Table 1: Faculty to Class Size Ratio (Program Headcount)

Ratio	Fall 2012	Spring 2013	Summer 2013	Fall 2013	Spring 2014	Summer 2014	Fall 2014	Spring 2015	Summer 2015	Fall 2015	Spring 2016	Summer 2016
Full Time Faculty (F : S)	1:31	1:38	n/a	1:36	1:30	n/a	1:72	1:70	n/a	1:66	1:74	n/a
Part Time Faculty (F : S)	1:17	4:33	1:2	2:53	1:24	1:2	2:19	3:53	1:5	2:43	1:9	1:3

Brief summary of data

All major courses were assigned to the full time instructor from Fall 2014 to Spring 2016 to closely monitor the student’s skills, knowledge, performance and the quality of instructions.

II. Student Learning and Curriculum

How many program courses are there? (refer to catalog or recent approval by CPC)	% of courses with Identified CLOs	List all revised program courses outlines or proposed new courses that received CPC approval within this review cycle	% of PLOs aligned with ILOs
13 program courses	100%	Only Program Learning Outcome.	100%

Provide Summary of Student Learning and Curriculum in the box below. Summary should include reasons for course revisions and course proposals.

Last fall 2013, revision was made on Program Learning Outcome based on the demand of curriculum mapping; for it is required to align all CLO's of the each course to the PLO's.

III. Course Assessment Data

Year 1: School Year 2012 – 2013 fall semester to summer

Semester Assessed	Course Assessed	CLO - PLO Mapping	Results of Assessments
<u>Fall</u>	AM-101	CLO #1 – PLO #3 & 4 CLO #2 – PLO #1 & 2 CLO #3 – PLO #1, 2, & 3 CLO #4 – PLO #1 & 2 CLO #5 – PLO #1 & 2	CLO 1: 100% of students assessed performed at the proficiency level. CLO 2: 100% of students assessed performed at the proficiency level. CLO 3: 100% of students assessed performed at the proficiency level. CLO 4: 88% of students assessed performed at the proficiency level. CLO 5: 100% of students assessed performed at the proficiency level.
	AM-111	CLO #1 – PLO #1 CLO #2 – PLO #1 CLO #3 – PLO #1 CLO #4 – PLO #1 CLO #5 – PLO #1	CLO 1: 63% of students assessed performed at the proficiency level. CLO 2: 100% of students assessed performed at the proficiency level. CLO 3: 100% of students assessed performed at the proficiency level.

			<p>CLO 4: 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: 100% of students assessed performed at the proficiency level.</p>
	AM-112	<p>CLO #1 – PLO #4 CLO #2 – PLO #3, & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	<p>CLO 1: 82% of students assessed performed at the proficiency level.</p> <p>CLO 2: 91% of students assessed performed at the proficiency level.</p> <p>CLO 3: 73% of students assessed performed at the proficiency level.</p> <p>CLO 4: 73% of students assessed performed at the proficiency level.</p> <p>CLO 5: 91% of students assessed performed at the proficiency level.</p>
	AM-213	<p>CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	<p>No assessment data available.</p>
	AM-214	<p>CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	<p>CLO 1: 87.5% of students assessed performed at the proficiency level.</p> <p>CLO 2: 87.5% of students assessed performed at the proficiency level.</p> <p>CLO 3: 87.5% of students assessed performed at the proficiency level.</p> <p>CLO 4: 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: 100% of students assessed performed at the proficiency level.</p>
	AM-215	<p>CLO #1 – PLO #2 CLO #2 – PLO #2</p>	<p>CLO 1: 100% of students assessed performed at the proficiency level.</p>

		<p>CLO #3 – PLO #2 CLO #4 – PLO #2 & 4 CLO #5 – PLO #2 & 4</p>	<p>CLO 2: 62.5% of students assessed performed at the proficiency level.</p> <p>CLO 3: 87.5% of students assessed performed at the proficiency level.</p> <p>CLO 4: 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: 100% of students assessed performed at the proficiency level.</p>
Spring 2013			
Spring Semester	AM-124	<p>CLO #1 – PLO #2 CLO #2 – PLO #2 CLO #3 – PLO #2 CLO #4 – PLO #2 CLO #5 – PLO #2 CLO #6 – PLO #2</p>	No assessment data available.
	AM-125	<p>CLO #1 – PLO #4 CLO #2 – PLO #4 CLO #3 – PLO #4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4 CLO #6 – PLO #3 & 4 CLO #7 – PLO #3 & 4</p>	<p>CLO 1: 67% of students assessed performed at the proficiency level.</p> <p>CLO 2: 33% of students assessed performed at the proficiency level.</p> <p>CLO 3: 11% of students assessed performed at the proficiency level.</p> <p>CLO 4: 33% of students assessed performed at the proficiency level.</p> <p>CLO 5: 33% of students assessed performed at the proficiency level.</p> <p>CLO 6: 11% of students assessed performed at the proficiency level.</p> <p>CLO 7: 11% of students assessed performed at the proficiency level.</p>
	AM-126	<p>CLO #1 – PLO #3 CLO #2 – PLO #3 CLO #3 – PLO #3 CLO #4 – PLO #3 CLO #5 – PLO #3</p>	<p>CLO 1: 50% of students assessed performed at the proficiency level.</p> <p>CLO 2: 50% of students assessed performed at the proficiency level.</p> <p>CLO 3: 33% of students assessed performed at the</p>

			<p>proficiency level.</p> <p>CLO 4: 33% of students assessed performed at the proficiency level.</p> <p>CLO 5: 0% of students assessed performed at the proficiency level.</p>
	AM-225	<p>CLO #1 – PLO #3 & 4</p> <p>CLO #2 – PLO #3 & 4</p> <p>CLO #3 – PLO #3 & 4</p> <p>CLO #4 – PLO #3 & 4</p> <p>CLO #5 – PLO #3 & 4</p>	<p>CLO 1: 100% of students assessed performed at the proficiency level.</p> <p>CLO 2: 50% of students assessed performed at the proficiency level.</p> <p>CLO 3: 50% of students assessed performed at the proficiency level.</p> <p>CLO 4: 50% of students assessed performed at the proficiency level.</p> <p>CLO 5: 17% of students assessed performed at the proficiency level.</p>
	AM-226	<p>CLO #1 – PLO #2 & 4</p> <p>CLO #2 – PLO #2 & 4</p> <p>CLO #3 – PLO #2 & 4</p> <p>CLO #4 – PLO #2 & 4</p> <p>CLO #5 – PLO #2 & 4</p>	<p>CLO 1: 75% of students assessed performed at the proficiency level.</p> <p>CLO 2: 75% of students assessed performed at the proficiency level.</p> <p>CLO 3: 63% of students assessed performed at the proficiency level.</p> <p>CLO 4: 63% of students assessed performed at the proficiency level.</p> <p>CLO 5: 25% of students assessed performed at the proficiency level.</p>
	AM-227	<p>CLO #1 – PLO #1 & 4</p> <p>CLO #2 – PLO #1 & 4</p> <p>CLO #3 – PLO #1 & 4</p> <p>CLO #4 – PLO #1 & 4</p> <p>CLO #5 – PLO #1 & 4</p>	<p>CLO 1: 75% of students assessed performed at the proficiency level.</p> <p>CLO 2: 88% of students assessed performed at the proficiency level.</p> <p>CLO 3: 0% of students assessed performed at the proficiency level.</p> <p>CLO 4: 50% of students assessed performed at the</p>

			proficiency level. CLO 5: 88% of students assessed performed at the proficiency level.
Summer 2013			
	AM-228	CLO #1 – PLO 1 to 6 CLO #2 – PLO 1 to 6	CLO 1: 100% of students assessed performed at the proficiency level. CLO 2: 100% of students assessed performed at the proficiency level.

Year 2: School Year 2013 – 2014 fall semester to summer

Semester Assessed	Course Assessed	CLO - PLO Mapping	Results of Assessments
<u>Fall</u>	AM-101	CLO #1 – PLO #3 & 4 CLO #2 – PLO #1 & 2 CLO #3 – PLO #1, 2, & 3 CLO #4 – PLO #1 & 2 CLO #5 – PLO #1 & 2	No assessment data available.
	AM-111	CLO #1 – PLO #1 CLO #2 – PLO #1 CLO #3 – PLO #1 CLO #4 – PLO #1 CLO #5 – PLO #1	No assessment data available.
	AM-112	CLO #1 – PLO #4 CLO #2 – PLO #3, & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4	CLO 1: 14% of students assessed performed at the proficiency level. CLO 2: 14% of students assessed performed at the proficiency level. CLO 3: 7% of students assessed performed at the proficiency level. CLO 4: 21% of students assessed performed at the proficiency level. CLO 5: 76.6% of students assessed performed at the

			proficiency level.
	AM-213	CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4	No assessment data available.
	AM-214	CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4	CLO 1: 100% of students assessed performed at the proficiency level. CLO 2: 100% of students assessed performed at the proficiency level. CLO 3: 100% of students assessed performed at the proficiency level. CLO 4: 100% of students assessed performed at the proficiency level. CLO 5: 67% of students assessed performed at the proficiency level.
	AM-215	CLO #1 – PLO #2 CLO #2 – PLO #2 CLO #3 – PLO #2 CLO #4 – PLO #2 & 4 CLO #5 – PLO #2 & 4	CLO 1: 100% of students assessed performed at the proficiency level. CLO 2: 100% of students assessed performed at the proficiency level. CLO 3: 100% of students assessed performed at the proficiency level. CLO 4: 100% of students assessed performed at the proficiency level. CLO 5: 100% of students assessed performed at the proficiency level.
Spring 2014			
Spring Semester	AM-124	CLO #1 – PLO #2 CLO #2 – PLO #2 CLO #3 – PLO #2 CLO #4 – PLO #2 CLO #5 – PLO #2 CLO #6 – PLO #2	No assessment data available.

AM-125	<p>CLO #1 – PLO #4 CLO #2 – PLO #4 CLO #3 – PLO #4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4 CLO #6 – PLO #3 & 4 CLO #7 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam - 76% of students assessed performed at the proficiency level. CLO 1: practical test 100% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 35% of students assessed performed at the proficiency level. CLO 2: practical test - 94% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 47% of students assessed performed at the proficiency level. CLO 3: practical test - 65% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 71% of students assessed performed at the proficiency level. CLO 4: practical test - 59% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 71% of students assessed performed at the proficiency level. CLO 5: practical test - 71% of students assessed performed at the proficiency level.</p> <p>CLO 6: Final exam - 18% of students assessed performed at the proficiency level. CLO 6: practical test - 82% of students assessed performed at the proficiency level.</p> <p>CLO 7: Final exam - 53% of students assessed performed at the proficiency level. CLO 7: practical test - 65% of students assessed performed at the proficiency level.</p>
AM-126	<p>CLO #1 – PLO #3 CLO #2 – PLO #3 CLO #3 – PLO #3 CLO #4 – PLO #3 CLO #5 – PLO #3</p>	<p>CLO 1: mid-term exam - 67% of students assessed performed at the proficiency level. CLO 1: practical test 83% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 83% of students assessed performed at the proficiency level. CLO 2: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 50% of students assessed performed at the proficiency level. CLO 3: practical test - 83% of students assessed performed at the proficiency level.</p>

			<p>CLO 4: Final exam - 67% of students assessed performed at the proficiency level. CLO 4: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 50% of students assessed performed at the proficiency level. CLO 5: practical test - 83% of students assessed performed at the proficiency level.</p>
	AM-225	<p>CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam - none of students assessed performed at the proficiency level. CLO 1: practical test 100% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 100% of students assessed performed at the proficiency level. CLO 2: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 100% of students assessed performed at the proficiency level. CLO 3: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 100% of students assessed performed at the proficiency level. CLO 4: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 50% of students assessed performed at the proficiency level. CLO 5: practical test - 50% of students assessed performed at the proficiency level.</p>
	AM-226	<p>CLO #1 – PLO #2 CLO #2 – PLO #2 & 4 CLO #3 – PLO #2 CLO #4 – PLO #2 & 4 CLO #5 – PLO #2 & 4</p>	No assessment data available.
	AM-227	<p>CLO #1 – PLO #1 & 4 CLO #2 – PLO #1 & 4 CLO #3 – PLO #1 & 4</p>	<p>CLO 1: mid-term exam - 100% of students assessed performed at the proficiency level. CLO 1: practical test 33% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 100% of students assessed</p>

		CLO #4 – PLO #1 & 4 CLO #5 – PLO #1 & 4	<p>performed at the proficiency level. CLO 2: practical test - 67% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 67% of students assessed performed at the proficiency level. CLO 3: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 67% of students assessed performed at the proficiency level. CLO 4: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 33% of students assessed performed at the proficiency level. CLO 5: practical test - 100% of students assessed performed at the proficiency level.</p>
Summer 2014			
	AM-228	CLO #1 – PLO 1 to 6 CLO #2 – PLO 1 to 6	<p>CLO 1: 100% of students assessed performed at the proficiency level.</p> <p>CLO 2: 100% of students assessed performed at the proficiency level.</p>

Year 3: School Year 2014 – 2015 fall semester to summer

Semester Assessed	Course Assessed	CLO - PLO Mapping	Results of Assessments
<u>Fall</u>	AM-101	CLO #1 – PLO #3 & 4 CLO #2 – PLO #1 & 2 CLO #3 – PLO #1, 2, & 3 CLO #4 – PLO #1 & 2 CLO #5 – PLO #1 & 2	<p>CLO 1: mid-term exam - 83% of students assessed performed at the proficiency level. CLO 1: practical test - 25% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 58% of students assessed performed at the proficiency level. CLO 2: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 75% of students assessed performed at the proficiency level. CLO 3: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 100% of students assessed performed at the proficiency level. CLO 4: practical test - 75% of students assessed</p>

			<p>performed at the proficiency level.</p> <p>CLO 5: Final exam - 92% of students assessed performed at the proficiency level.</p> <p>CLO 5: practical test - 83% of students assessed performed at the proficiency level.</p>
	AM-111	<p>CLO #1 – PLO #1</p> <p>CLO #2 – PLO #1</p> <p>CLO #3 – PLO #1</p> <p>CLO #4 – PLO #1</p> <p>CLO #5 – PLO #1</p>	<p>CLO 1: mid-term exam - 60% of students assessed performed at the proficiency level.</p> <p>CLO 1: practical test - 90% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 30% of students assessed performed at the proficiency level.</p> <p>CLO 2: practical test - 95% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 5% of students assessed performed at the proficiency level.</p> <p>CLO 3: practical test - 95% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 70% of students assessed performed at the proficiency level.</p> <p>CLO 4: practical test - 85% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 20% of students assessed performed at the proficiency level.</p> <p>CLO 5: practical test - 50% of students assessed performed at the proficiency level.</p>
	AM-112	<p>CLO #1 – PLO #4</p> <p>CLO #2 – PLO #3, & 4</p> <p>CLO #3 – PLO #3 & 4</p> <p>CLO #4 – PLO #3 & 4</p> <p>CLO #5 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam - 57% of students assessed performed at the proficiency level.</p> <p>CLO 1: practical test - 95% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 48% of students assessed performed at the proficiency level.</p> <p>CLO 2: practical test - 95% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 95% of students assessed performed at the proficiency level.</p> <p>CLO 3: practical test - 95% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 100 % of students assessed</p>

			<p>performed at the proficiency level. CLO 4: practical test - 90% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 88% of students assessed performed at the proficiency level. CLO 5: practical test - 81% of students assessed performed at the proficiency level.</p>
	AM-213	<p>CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	No assessment data available.
	AM-214	<p>CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam - 60% of students assessed performed at the proficiency level. CLO 1: practical test - 90% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 30% of students assessed performed at the proficiency level. CLO 2: practical test - 95% of students assessed performed at the proficiency level.</p> <p>CLO 3: final exam - 5% of students assessed performed at the proficiency level. CLO 3: practical test - 95% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 70% of students assessed performed at the proficiency level. CLO 4: practical test - 85% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 20% of students assessed performed at the proficiency level. CLO 5: practical test - 50 % of students assessed performed at the proficiency level.</p>
	AM-215	<p>CLO #1 – PLO #2 CLO #2 – PLO #2 CLO #3 – PLO #2</p>	<p>CLO 1: mid-term exam - 29% of students assessed performed at the proficiency level. CLO 1: practical test - 67% of students assessed</p>

		<p>CLO #4 – PLO #2 & 4</p> <p>CLO #5 – PLO #2 & 4</p>	<p>performed at the proficiency level.</p> <p>CLO 2: mid-term - 29% of students assessed performed at the proficiency level. CLO 2: practical test - 78% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 14% of students assessed performed at the proficiency level. CLO 3: practical test - 56% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 56% of students assessed performed at the proficiency level. CLO 4: practical test - 56% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 14% of students assessed performed at the proficiency level. CLO 5: practical test - 89% of students assessed performed at the proficiency level.</p>
Spring 2015			
Spring Semester	AM-124	<p>CLO #1 – PLO #2</p> <p>CLO #2 – PLO #2</p> <p>CLO #3 – PLO #2</p> <p>CLO #4 – PLO #2</p> <p>CLO #5 – PLO #2</p> <p>CLO #6 – PLO #2</p>	<p>CLO 1: mid-term exam – 31.6% of students assessed performed at the proficiency level. CLO 1: practical test – 89.5% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term – 26.3% of students assessed performed at the proficiency level. CLO 2: practical test – 36.8% of students assessed performed at the proficiency level.</p> <p>CLO 3: final exam – 52.6% of students assessed performed at the proficiency level. CLO 3: practical test -89.5 % of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam – 89.5% of students assessed performed at the proficiency level. CLO 4: practical test – 47.4% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 63.2% of students assessed performed at the proficiency level. CLO 5: practical test - 79% of students assessed performed at the proficiency level.</p>

			<p>CLO 6: mid-term – 37% of students assessed performed at the proficiency level.</p> <p>CLO 6: practical test – 100% of students assessed performed at the proficiency level.</p>
	AM-125	<p>CLO #1 – PLO #4</p> <p>CLO #2 – PLO #4</p> <p>CLO #3 – PLO #4</p> <p>CLO #4 – PLO #3 & 4</p> <p>CLO #5 – PLO #3 & 4</p> <p>CLO #6 – PLO #3 & 4</p> <p>CLO #7 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam – 52.4% of students assessed performed at the proficiency level.</p> <p>CLO 1: practical test – 90.4% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 24% of students assessed performed at the proficiency level.</p> <p>CLO 2: practical test -90.4 % of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term – 47.6% of students assessed performed at the proficiency level.</p> <p>CLO 3: practical test – 47.6% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam – 71.4% of students assessed performed at the proficiency level.</p> <p>CLO 4: practical test – 47.6% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 76.2% of students assessed performed at the proficiency level.</p> <p>CLO 5: practical test -47.2 % of students assessed performed at the proficiency level.</p> <p>CLO 6: Final exam – 42% of students assessed performed at the proficiency level.</p> <p>CLO 6: practical test – 95.2% of students assessed performed at the proficiency level.</p> <p>CLO 7: Final exam – 100% of students assessed performed at the proficiency level.</p> <p>CLO 7: practical test -43% of students assessed performed at the proficiency level.</p>
	AM-126	<p>CLO #1 – PLO #3</p> <p>CLO #2 – PLO #3</p> <p>CLO #3 – PLO #3</p> <p>CLO #4 – PLO #3</p> <p>CLO #5 – PLO #3</p>	<p>CLO 1: mid-term exam – 29.4% of students assessed performed at the proficiency level.</p> <p>CLO 1: practical test - 59% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term – 64.7% of students assessed performed at the proficiency level.</p> <p>CLO 2: practical test – 76.5% of students assessed</p>

			<p>performed at the proficiency level.</p> <p>CLO 3: mid-term – 70.6% of students assessed performed at the proficiency level. CLO 3: practical test - 53% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam – 52.9% of students assessed performed at the proficiency level. CLO 4: practical test – 35.3% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 41.2% of students assessed performed at the proficiency level. CLO 5: practical test – 41.2% of students assessed performed at the proficiency level.</p>
	AM-225	<p>CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam – 72.7% of students assessed performed at the proficiency level. CLO 1: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 100% of students assessed performed at the proficiency level. CLO 2: practical test – 81.8% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term – 81.8% of students assessed performed at the proficiency level. CLO 3: practical test – 54.5% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam – 81.8% of students assessed performed at the proficiency level. CLO 4: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 72.7% of students assessed performed at the proficiency level. CLO 5: practical test – 36.4% of students assessed performed at the proficiency level.</p>
	AM-226	<p>CLO #1 – PLO #2 CLO #2 – PLO #2 & 4 CLO #3 – PLO #2 CLO #4 – PLO #2 & 4</p>	<p>CLO 1: mid-term exam - 80% of students assessed performed at the proficiency level. CLO 1: practical test - 90% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 90% of students assessed</p>

		CLO #5 – PLO #2 & 4	<p>performed at the proficiency level. CLO 2: practical test - 50% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 70% of students assessed performed at the proficiency level. CLO 3: practical test - 80% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 80% of students assessed performed at the proficiency level. CLO 4: practical test - 80% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 90% of students assessed performed at the proficiency level. CLO 5: practical test - 80% of students assessed performed at the proficiency level.</p>
	AM-227	<p>CLO #1 – PLO #1 & 4 CLO #2 – PLO #1 & 4 CLO #3 – PLO #1 & 4 CLO #4 – PLO #1 & 4 CLO #5 – PLO #1 & 4</p>	<p>CLO 1: mid-term exam – 63.6% of students assessed performed at the proficiency level. CLO 1: practical test - 91% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 73% of students assessed performed at the proficiency level. CLO 2: practical test - 82% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 82% of students assessed performed at the proficiency level. CLO 3: practical test – 54.5% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 18% of students assessed performed at the proficiency level. CLO 4: practical test – 54.6% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 54.5% of students assessed performed at the proficiency level. CLO 5: practical test – 36.4% of students assessed performed at the proficiency level.</p>
Summer			
	AM-228	CLO #1 – PLO 1 to 6	CLO 1: 100% of students assessed performed at the proficiency level.

		CLO #2 – PLO 1 to 6	CLO 2: 100% of students assessed performed at the proficiency level.
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Year 4: School Year fall semester 2015 – 2016 summer session

Semester Assessed	Course Assessed	CLO - PLO Mapping	Results of Assessments
<u>Fall</u>	AM-101	CLO #1 – PLO #3 & 4 CLO #2 – PLO #1 & 2 CLO #3 – PLO #1, 2, & 3 CLO #4 – PLO #1 & 2 CLO #5 – PLO #1 & 2	CLO 1: practical test 87.5% of students assessed performed at the proficiency level. CLO 2: practical test – 87.5% of students assessed performed at the proficiency level. CLO 3: practical test – 87.5% of students assessed performed at the proficiency level. CLO 4: practical test – 87.5% of students assessed performed at the proficiency level. CLO 5: practical test – 87.5% of students assessed performed at the proficiency level.
	AM-111	CLO #1 – PLO #1 CLO #2 – PLO #1 CLO #3 – PLO #1 CLO #4 – PLO #1 CLO #5 – PLO #1	CLO 1: mid-term exam - 50% of students assessed performed at the proficiency level. CLO 1: practical test 100% of students assessed performed at the proficiency level. CLO 2: mid-term - 0% of students assessed performed at the proficiency level. CLO 2: practical test - 100% of students assessed performed at the proficiency level. CLO 3: mid-term - 50% of students assessed performed at the proficiency level. CLO 3: practical test - 100% of students assessed performed at the proficiency level. CLO 4: Final exam - 50% of students assessed performed at the proficiency level. CLO 4: practical test - 100% of students assessed performed at the proficiency level. CLO 5: Final exam - 50% of students assessed performed at the proficiency level. CLO 5: practical test - 50% of students assessed performed at the proficiency level.

AM-112	<p>CLO #1 – PLO #4 CLO #2 – PLO #3, & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam - 67% of students assessed performed at the proficiency level. CLO 1: practical test 100% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 67% of students assessed performed at the proficiency level. CLO 2: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 100% of students assessed performed at the proficiency level. CLO 3: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 100% of students assessed performed at the proficiency level. CLO 4: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 100% of students assessed performed at the proficiency level. CLO 5: practical test - 100% of students assessed performed at the proficiency level.</p>
AM-213	<p>CLO #1 – PLO #3 & 4 CLO #2 – PLO #3 & 4 CLO #3 – PLO #3 & 4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam - 25% of students assessed performed at the proficiency level. CLO 1: practical test 62.5% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term – 68.75% of students assessed performed at the proficiency level. CLO 2: practical test - 75% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term – 62.5% of students assessed performed at the proficiency level. CLO 3: practical test - 75% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam – 31.25% of students assessed performed at the proficiency level. CLO 4: practical test - 75% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 43.75% of students assessed performed at the proficiency level. CLO 5: practical test – 37.25% of students assessed</p>

			performed at the proficiency level.
	AM-214	<p>CLO #1 – PLO #3 & 4</p> <p>CLO #2 – PLO #3 & 4</p> <p>CLO #3 – PLO #3 & 4</p> <p>CLO #4 – PLO #3 & 4</p> <p>CLO #5 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam – 93.75% of students assessed performed at the proficiency level. CLO 1: practical test 62.5% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 100% of students assessed performed at the proficiency level. CLO 2: practical test - 50% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term – 43.75% of students assessed performed at the proficiency level. CLO 3: practical test – 81.25% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam – 56.25% of students assessed performed at the proficiency level. CLO 4: practical test – 93.75% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 43.75% of students assessed performed at the proficiency level. CLO 5: practical test – 31.25% of students assessed performed at the proficiency level.</p>
	AM-215	<p>CLO #1 – PLO #2</p> <p>CLO #2 – PLO #2</p> <p>CLO #3 – PLO #2</p> <p>CLO #4 – PLO #2 & 4</p> <p>CLO #5 – PLO #2 & 4</p>	<p>CLO 1: mid-term exam – 18.7% of students assessed performed at the proficiency level. CLO 1: practical test 100% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term – 62.5% of students assessed performed at the proficiency level. CLO 2: practical test – 81.25% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 50% of students assessed performed at the proficiency level. CLO 3: practical test – 68.7% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam – 12.5% of students assessed performed at the proficiency level. CLO 4: practical test – 93.75% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 50% of students assessed</p>

			performed at the proficiency level. CLO 5: practical test - 100% of students assessed performed at the proficiency level.
Spring 2016			
Spring Semester	AM-124	CLO #1 – PLO #2 CLO #2 – PLO #2 CLO #3 – PLO #2 CLO #4 – PLO #2 CLO #5 – PLO #2 CLO #6 – PLO #2	CLO 1: mid-term exam - 80% of students assessed performed at the proficiency level. CLO 1: practical test 100% of students assessed performed at the proficiency level. CLO 2: mid-term - 80% of students assessed performed at the proficiency level. CLO 2: practical test - 100% of students assessed performed at the proficiency level. CLO 3: mid-term - 100% of students assessed performed at the proficiency level. CLO 3: practical test - 100% of students assessed performed at the proficiency level. CLO 4: Final exam - 100% of students assessed performed at the proficiency level. CLO 4: practical test - 100% of students assessed performed at the proficiency level. CLO 5: Final exam - 100% of students assessed performed at the proficiency level. CLO 5: practical test – 80-% of students assessed performed at the proficiency level. CLO 6: Final exam - 80% of students assessed performed at the proficiency level. CLO 6: practical test - 100% of students assessed performed at the proficiency level.
	AM-125	CLO #1 – PLO #4 CLO #2 – PLO #4 CLO #3 – PLO #4 CLO #4 – PLO #3 & 4 CLO #5 – PLO #3 & 4 CLO #6 – PLO #3 & 4 CLO #7 – PLO #3 & 4	CLO 1: mid-term exam – 33.3% of students assessed performed at the proficiency level. CLO 1: practical test 100% of students assessed performed at the proficiency level. CLO 2: mid-term – 77.7% of students assessed performed at the proficiency level. CLO 2: practical test -100% of students assessed performed at the proficiency level. CLO 3: mid-term – 55.5% of students assessed performed at the proficiency level. CLO 3: practical test – 77.7% of students assessed

			<p>performed at the proficiency level.</p> <p>CLO 4: Final exam – 55.5% of students assessed performed at the proficiency level. CLO 4: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 33.3% of students assessed performed at the proficiency level. CLO 5: practical test – 88.8% of students assessed performed at the proficiency level.</p> <p>CLO 6: Final exam – 88.8% of students assessed performed at the proficiency level. CLO 6: practical test – 77.7% of students assessed performed at the proficiency level.</p> <p>CLO 7: Final exam – 66.7% of students assessed performed at the proficiency level. CLO 7: practical test – 88.8% of students assessed performed at the proficiency level.</p>
	AM-126	<p>CLO #1 – PLO #3 CLO #2 – PLO #3 CLO #3 – PLO #3 CLO #4 – PLO #3 CLO #5 – PLO #3 CLO #6 – PLO #4</p>	<p>CLO 1: mid-term exam - 50% of students assessed performed at the proficiency level. CLO 1: practical test 50% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term – 37.5% of students assessed performed at the proficiency level. CLO 2: practical test - 100% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 75% of students assessed performed at the proficiency level. CLO 3: practical test – 87.5% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 50% of students assessed performed at the proficiency level. CLO 4: practical test – 87.5% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 87.5% of students assessed performed at the proficiency level.</p> <p>CLO 5: practical test – 62.5% of students assessed performed at the proficiency level.</p>

AM-225	<p>CLO #1 – PLO #3 & 4</p> <p>CLO #2 – PLO #3 & 4</p> <p>CLO #3 – PLO #3 & 4</p> <p>CLO #4 – PLO #3 & 4</p> <p>CLO #5 – PLO #3 & 4</p>	<p>CLO 1: mid-term exam - 88% of students assessed performed at the proficiency level.</p> <p>CLO 1: practical test 88% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term - 94% of students assessed performed at the proficiency level.</p> <p>CLO 2: practical test - 76% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term - 76% of students assessed performed at the proficiency level.</p> <p>CLO 3: practical test - 76% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam – 82% of students assessed performed at the proficiency level.</p> <p>CLO 4: practical test – 70.6% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 76.5% of students assessed performed at the proficiency level.</p> <p>CLO 5: practical test - 47% of students assessed performed at the proficiency level.</p>
AM-226	<p>CLO #1 – PLO #2</p> <p>CLO #2 – PLO #2 & 4</p> <p>CLO #3 – PLO #2</p> <p>CLO #4 – PLO #2 & 4</p> <p>CLO #5 – PLO #2 & 4</p>	<p>CLO 1: mid-term exam – 33.3% of students assessed performed at the proficiency level.</p> <p>CLO 1: practical test 93.3% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term – 86.7% of students assessed performed at the proficiency level.</p> <p>CLO 2: practical test - 60% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term – 86.7% of students assessed performed at the proficiency level.</p> <p>CLO 3: practical test – 86.7% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 73% of students assessed performed at the proficiency level.</p> <p>CLO 4: practical test – 86.7% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam – 93.3% of students assessed performed at the proficiency level.</p> <p>CLO 5: practical test - 100% of students assessed</p>

			performed at the proficiency level.
	AM-227	<p>CLO #1 – PLO #1 & 4</p> <p>CLO #2 – PLO #1 & 4</p> <p>CLO #3 – PLO #1 & 4</p> <p>CLO #4 – PLO #1 & 4</p> <p>CLO #5 – PLO #1 & 4</p>	<p>CLO 1: mid-term exam – 86.7% of students assessed performed at the proficiency level.</p> <p>CLO 1: practical test 93.3% of students assessed performed at the proficiency level.</p> <p>CLO 2: mid-term – 73.3% of students assessed performed at the proficiency level.</p> <p>CLO 2: practical test - 60% of students assessed performed at the proficiency level.</p> <p>CLO 3: mid-term – 26.7% of students assessed performed at the proficiency level.</p> <p>CLO 3: practical test – 86.7% of students assessed performed at the proficiency level.</p> <p>CLO 4: Final exam - 60% of students assessed performed at the proficiency level.</p> <p>CLO 4: practical test – 53.3% of students assessed performed at the proficiency level.</p> <p>CLO 5: Final exam - 80% of students assessed performed at the proficiency level.</p> <p>CLO 5: practical test – 53.3% of students assessed performed at the proficiency level.</p>
Summer			
	AM-228	<p>CLO #1 – PLO 1 to 6</p> <p>CLO #2 – PLO 1 to 6</p>	<p>CLO 1: 100% of students assessed performed at the proficiency level.</p> <p>CLO 2: 100% of students assessed performed at the proficiency level.</p>

Provide Summary of Course Assessment Data in the box below. Summary should include how assessment results have led to improvement of course and program learning outcomes, student learning and achievement.

This four year cycle review will be used to closely monitor and evaluate course success that correlates to students learning style, trainer mock-up that we need per CLOs, consumable materials, tools and equipments, curriculum update, and the training for the instructor.

The assessment in school year 2012 was combined knowledge and skills assessment and this was not enough to determine students success and justify our needs to improve this program and provide quality graduates. But, in school year 2013 we started to identify the learning style, competencies, and the struggles of student in learning that we may efficiently help our students to succeed in this program and equip them with the knowledge and skills they need. The result of skills assessment had shown that, the students are good in hands-on but struggles in component specification, and their tidiness needs more improvement. In knowledge test, students struggled in naming parts, and explaining parts functions and principles of operation. With this in mind, we can now efficiently help the student and identify the materials and equipments that are necessary for their learning. The instructor will also need training for technology update, for most cars today are computer controlled and cars with problem in computer and actuators needs to be re-programmed. Therefore, this struggles that the students had demonstrated must be solved, and the program needs will be provided and completed (like trainer mock-ups, and equipment), and the instructor will be sent for training to respond the need of this program for the next review cycle.

IV. Program Learning Outcomes (PLOs) Assessment

List PLOs	Proficiency Level	Results of Assessments
PLO #1	AM-101: CLO #1 = 73.9% CLO #2 = 86.4% CLO #3 = 90.6% CLO #4 = 87.6% CLO #5 = 85.9%	78.2% of students assessed performed at the proficiency level. The expected outcome of 70% was met. AM program courses must be revised before fall 2016 to accommodate the needs of the industries and for technology update. Today's technology, modern cars are equipped with electronic and computer controlled components to improve fuel economy, safe driving, improve riding comfort, improved air-conditioning system, improved security system and many more. Modifying AM courses and revising the PLO's will improve student's learning and help them succeed to their field of specialization.
	AM-111: CLO #1 = 72.6% CLO #2 = 65% CLO #3 = 70% CLO #4 = 81% CLO #5 = 54%	
	AM-227 CLO #1 = 72.7% CLO #3 = 54.8%	
	AM-228 CLO #1 = 100% CLO #2 = 100%	
PLO #2	AM-101 CLO #1 = 73.9%	79.6% of students assessed performed at the proficiency level. The expected outcome of 70% was met. AM program courses must be revised before fall 2016 to accommodate the needs of the industries and for technology update. Today's technology, modern cars are equipped with electronic and computer controlled components to improve fuel economy, safe driving,
	AM-124: CLO #1 = 75.28% CLO #2 = 60.78% CLO #3 = 85.53%	

	<p>CLO #4 = 84.23% CLO #5 = 80.55% CLO #6 = 79.25%</p>	<p>improve riding comfort, improved air-conditioning system, improved security system and many more. Modifying AM courses and revising the PLO's will improve student's learning and help them succeed to their field of specialization.</p>
	<p>AM-215: CLO #1 – 69.1% CLO #2 – 68.87% CLO #3 – 62.7% CLO #4 – 56.4% CLO #5 – 75.5%</p>	
	<p>AM-226: CLO #1 – 74.32% CLO #2 – 72.34% CLO #3 – 77.28% CLO #4 – 76.54% CLO #5 – 77.66%</p>	
	<p>AM-228 CLO #1 = 100% CLO #2 = 100%</p>	
PLO #3	<p>AM-101 CLO #1 = 73.9%</p>	<p>71.05% of students assessed performed at the proficiency level. The expected outcome of 70% was met. AM program courses must be revised before fall 2016 to accommodate the needs of the industries and for technology update. Today's technology, modern cars are equipped with electronic and computer controlled components to improve fuel economy, safe driving, improve riding comfort, improved air-conditioning system, improved security system and many more. Modifying AM courses and revising the PLO's will improve student's learning and help them succeed to their field of specialization.</p>
	<p>AM-112: CLO #2 – 69.17% CLO #3 – 77.2% CLO #4 – 80.7% CLO #5 – 89.77%</p>	
	<p>AM-125: CLO #4 – 62.5% CLO #5 – 60.1%</p>	
	<p>AM-126: CLO #1 – 54.5% CLO #2 – 73.1% CLO #3 – 64.5% CLO #4 – 60.8% CLO #5 – 52.2%</p>	
	<p>AM-213: CLO #1 = 43.8% CLO #2 = 71.85% CLO #3 = 68.8% CLO #4 = 53.1%</p>	
	<p>AM-214: CLO #1 – 82.3% CLO #4 – 84.2%</p>	

	AM-225: CLO #1 – 78.39% CLO #4 – 83.49% CLO #5 – 49.9%	
	AM-228 CLO #1 = 100% CLO #2 = 100%	
PLO #4	AM-101 CLO #1 = 73.9%	73% of students assessed performed at the proficiency level. The expected outcome of 70% was met. AM program courses must be revised before fall 2016 to accommodate the needs of the industries and for technology update. Today's technology, modern cars are equipped with electronic and computer controlled components to improve fuel economy, safe driving, improve riding comfort, improved air-conditioning system, improved security system and many more. Modifying AM courses and revising the PLO's will improve student's learning and help them succeed to their field of specialization.
	AM-112: CLO #1 – 69.2% CLO #2 – 69.17%	
	AM-125: CLO #1 – 74.17% CLO #2 – 64.89% CLO #3 – 50.2% CLO #4 – 62.5% CLO #5 – 60.1% CLO #6 – 59.24% CLO #7 – 61.07%	
	AM-126 CLO #5 – 52.2%	
	AM-213 CLO #5 = 40.6%	
	AM-214: CLO #1 – 82.3% CLO #2 – 77.08% CLO #3 – 68.7% CLO #4 – 84.2% CLO #5 – 51.98%	
	AM-215: CLO #4 – 56.4% CLO #5 – 75.5%	
	AM-225: CLO #1 – 78.39% CLO #2 – 85.97% CLO #3 – 76.9% CLO #4 – 83.49% CLO #5 – 49.9%	
	AM-226: CLO #1 – 74.32% CLO #2 – 72.34%	
	AM-227: CLO #1 = 72.7%	

	CLO #2 = 81.4% CLO #3 = 54.8% CLO #4 = 49.9% CLO #5 = 56%	
	AM-228 CLO #1 = 100% CLO #2 = 100%	

Provide Summary of the Evaluation of Previous Program Review Action Plan/s in the box below. Summary should include what measurable outcomes were achieved due to the actions completed; were the completed action plans led to improvement of student learning and student achievement; and provide detailed explanation of action plans that are ongoing and plans that are incomplete.

Program review covering Fall 2008 to Summer 2012 was not complete, it's because most of the assessment data are not available. But the program review covering Fall 2012 to summer 2016 will be our bench mark to effectively support and help the students and to determine how many competent graduates we produce in each year. To produce 100 percent graduates is not the award winning to call for celebration, but to define the vision and mission of this institution we must have 70 – 100 percent of students absorbed by the company after internship. This program review is one of the most important data in this institution to help us determine the needs of this program in equipping our students with an updated knowledge and skills in this present technology. The administration will surely support and invest the needs of all programs and courses if we can justify using this program review.

VI. Action Plans

Based on this program review results, describe the program action plan for the next three (3) academic years. Include necessary resources.

Action Plan Activity/Objectives	How will this action plan improve student learning outcomes? (CLO, PLO, ILO)	Needed Resources (if any)	Timeline
Modify AM courses and revise CLOs and PLOs	Automotive electrical and electronic courses must be incorporated with the other courses	Just use the existing materials, tools, and equipment.	Before fall 2016
Add one automotive electrical course	To help the students familiarize the concept of electrical and electronic parts and components in first semester.	Just use the existing materials, tools, and equipment.	Before fall 2016
Revise AM mapping	By making sure that all automotive PLOs have electrical and electronic knowledge and skills.	Just use the existing resources.	Before fall 2016

Provide Summary of Action Plans in the box below. Summary should include program major strengths; program needs and any recommendations for improvements based on assessment results, data and/or other college major plans. The summary needs to indicate overall program needs that may require financial support from the institution.

This program is producing a multi skilled automotive technician; the product of this program can service drive train components, engine mechanical system, automotive electrical system and components, automotive heating comfort and air-conditioning system, underchassis components, auto body repair, and do the work of service advisor, parts man, and automotive instructor.

The program will need equipments that can help our students equip with the knowledge and skills in operating computer wheel alignment and balancing, pneumatic tire changer, and brake disc and drum refacer. It is our idea to revise the curriculum and add one AM course on fall 2016 for technology update.

VII. Resource Requests

Itemize resource request below.

Type of Resource	Detailed Description	Estimated Amount Requested	Justification
Personnel	One Assistant instructor	HR department will determine the salary range.	To be in-charge in knowledge and skills assessment.
Facilities	Surveillance camera	\$500	To closely monitor students performance.
Equipment	One additional engine scanner to accommodate 8 to 12 students.	\$6,000	We have one G-scan to diagnose engine computer and electrical problems. But when five to 7 students will use the scanner, the other students will excuse themselves to diagnose the engine problems and this can affect the CLO assessment results.
	Additional engine and electrical wiring mock-up	\$1000	To accommodate 8 to 15 students. More cheaper if we buy used cars.
	Welding machine	\$1200	We need this machine to make trainer mock-ups for engine electrical and lighting system.
	One hydraulic lifter cylinder	\$4,000	Only the administration can decide; these equipments will help our students to service tire and undercarriage system.
	Computer wheel alignment	\$15,000	
	Computer wheel balancer	\$4,000	
	Pneumatic tire changer	\$4,500	
Supplies	See proforma in every semester.	Normally \$2,500 to \$4,000	
Software	Internet connection	PCC administration	To help the students access the vehicle specifications, electrical

		knows the amount.	and hydraulic diagram, diagnostic codes, electrical wire color coding and etc.
Training	CVT transmission training	Guam or states (\$2,000 or more)	We need this training to help our students learn in PCM re-flashing and servicing CVT transmission. The training in Guam or States is very cheap but the hotel accommodation is very expensive. But if the training be in Philippines Manila (Toyota, Nissan, and Honda Philippines) is cheaper.
	PCM programming or re-flashing training		
	Arc welding training	\$500	This training will help me to establish more engine and electrical mock-up frame.
Other			
Total			

Provide Summary of Resource Request in the box below. Summary should connect the resources requested to course, program and institutional learning outcomes assessment results and/or any other college major plans.

Automotive technology in now a days is very advance; the traction control, engine control, suspension system control, and even the steering system is now controlled by electrical and electronic components. With this in mind, we need to modify our program courses, PLOs, CLOs, and curriculum mapping to help our students learn this so called new technology. I need training for welding, CVT transmission, and engine re-flashing to make our program more effective and efficient in producing quality graduates in AM program. We also need internet connection (PT hotspot or PNCC wifi connection) in our shop to broaden students learning and get more information from different websites of the internet.

The equipments that we need; like computer wheel aligner, computer wheel balancer, and pneumatic tire changer are not really important, but it motivates our students to explore on servicing undercarriage components and tires which are very require here in Palau. Therefore, if the students will not be able to finish their studies at PCC because of so many reasons, they can still earn money; by having mobile service or working at the shop as a mechanic for servicing suspension, brake, and steering system.

We also need surveillance camera to provide evidence for our laboratory, skills assessment, borrowing tools, and etc. This can help the students to review their activities on day to day basis and thus improve students' learning. Our consumable materials are almost the same in every semester but the price at ACE, Mason, and other supplier are always changing and increasing. One of the common problems in our consumable materials is not available or out of stock when they released the money to the suppliers (especially at ACE Hardware), it's because we can't get another item to replace the out of stock item. Hopefully, this problem will be solved by next program review, which the vendor will allow us to get another item, but in different brand and with the approval of finance department director.

This program review would be our bench mark to improve more on the next cycle review; producing more competent and most qualified graduates to be hired are our goals in this program. Thanks and God bless us all.