



**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Automotive Air Conditioning Servicing**

**I. Rational:**

To create required program description and program learning outcome(s) for the Automotive Air Conditioning Servicing Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students with knowledge and skills to service automotive air conditioning components such as expansion valve, control panel, aircon condenser, aircon compressor, and aircon evaporator. It also includes testing, repair, and installing aircon sensors, motors, actuators, control module, and comfort heating units.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Perform automotive air-conditioning system.
2. Service automotive air-conditioning system controls.

Proposed first offering: Fall 2016  
Semester School Year

Proposed by: Nobby Enano, AM instructor EW Date: 4/14/16  
Print Name, Title & Initial

Endorsed by: Samantha Rechelluu AM Assistant Instructor SR Date: 4/14/16  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

<u>Chairperson</u> Committee on Programs & Curricula	<u>Date</u>
<u>Dean of Academic Affairs</u>	<u>Date</u>
<u>Vice President</u> Education and Training	<u>Date</u>





**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Carpentry**

**I. Rational:**

To create required program description and program learning outcome(s) for the Carpentry Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students technical knowledge, skills, and proper work attitude/habit necessary for entry level employment in carpentry industry. It also enables students to work and advance in their careers as field supervisor, foreman, or estimator.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Demonstrate required carpentry skills in footing and foundation installation of a residential construction.
2. Demonstrate required carpentry skills in floor, wall, ceiling, and roof framing of residential construction.
3. Demonstrate required carpentry skills in interior and exterior finishing, including door, window, and cabinetry in residential construction.

Proposed first offering: \_\_\_\_\_ Fall \_\_\_\_\_ 2016  
Semester School Year

Proposed by: Lester Rekemeat Instructor Date: 4/28/16  
Print Name, Title & Initial

Endorsed by: SUZETTE GARCIA-HINOJALES INSTRUCTOR Date: 4/28/16  
PALAU COMMUNITY COLLEGE  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

_____ Chairperson Committee on Programs & Curricula	_____ Date
_____ Dean of Academic Affairs	_____ Date
_____ Vice President Education and Training	_____ Date



**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Commercial/Industrial Wiring**

**I. Rational:**

To create required program description and program learning outcome(s) for the Commercial/Industrial Wiring Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students with knowledge and skills in electrical wiring installation for industrial/commercial units. The program also covers safety, troubleshooting, and repair of electrical installation. It also includes roughing-in activities using metal conduits such as EMT, RSC, and IMC, connecting and installing boxes, fittings, electrical devices and lighting fixtures.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Acquire technical knowledge and skills necessary in the field of commercial/industrial wiring installation.

Proposed first offering: Fall 2016  
Semester School Year

Proposed by: Jerry Taroy [Signature] Date: 4/08/16  
Print Name, Title & Initial

Endorsed by: Frutoso Tellei, Instructor [Signature] Date: 4/08/16  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

<u>Chairperson</u> Committee on Programs & Curricula	<u>Date</u>
<u>Dean of Academic Affairs</u>	<u>Date</u>
<u>Vice President</u> Education and Training	<u>Date</u>





**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Consumer Electronics Technology**

**I. Rational:**

To create required program description and program learning outcome(s) for the Consumer Electronics Technology Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students with technical knowledge and skills in service and repair of electronics consumer products such as audio amplifier, car stereo, and television.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Service and repair electronic consumer products.

Proposed first offering: \_\_\_\_\_ Fall \_\_\_\_\_ 2016  
Semester School Year

Proposed by: \_\_\_\_\_ Joel G. Yabes \_\_\_\_\_ Date: 4/8/16  
Print Name, Title & Initial

Endorsed by: \_\_\_\_\_ Jerry Tarry \_\_\_\_\_ Date: 4/8/16  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

\_\_\_\_\_  
Chairperson  
Committee on Programs & Curricula  
Date

\_\_\_\_\_  
Dean of Academic Affairs  
Date

\_\_\_\_\_  
Vice President  
Education and Training  
Date



**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Engine Servicing**

**I. Rational:**

To create required program description and program learning outcome(s) for the Engine Servicing Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students with knowledge and skills to test, repair, and install engine mechanical components and engine auxiliary devices such as top end components, bottom end components, front end components, cooling system, lubricating system, and emission control. It also includes engine overhauling and troubleshooting.


**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Perform engine servicing.
2. Service emission control system.

Proposed first offering: \_\_\_\_\_ Fall \_\_\_\_\_ 2016  
Semester School Year

Proposed by: Nobby Enans, AM Instructor  Date: 4/14/16  
Print Name, Title & Initial

Endorsed by: Samantha Rechelluel AM Assistant Instructor  Date: 4/14/16  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

_____ Chairperson Committee on Programs & Curricula	_____ Date
_____ Dean of Academic Affairs	_____ Date
_____ Vice President Education and Training	_____ Date





**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: General Agriculture**

**I. Rational:**

To create required program description and program learning outcome(s) for the General Agriculture Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students a broad understanding of the science and practices of crop and animal productions. It aims to improve the knowledge of students in general animal husbandry with emphasis in poultry and swine raising, the art and science of growing horticultural crops, and understand and learn the factors affecting growth and development of cultivated crops.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Acquire knowledge and skills in agricultural productivity through raising farm animals and horticultural crops.

Proposed first offering: Fall 2016  
Semester School Year

Proposed by: Alex Gachalian AG instructor Date: April 25, 2016  
Print Name, Title & Initial

Endorsed by: Xena George Asst. Instructor Date: April 25, 2016  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

_____ Chairperson Committee on Programs & Curricula	_____ Date
_____ Dean of Academic Affairs	_____ Date
_____ Vice President Education and Training	_____ Date



**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Horticulture**

**I. Rational:**

To create required program description and program learning outcome(s) for the Horticulture Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students the knowledge in the principles and practices of horticulture. It involves developing students' knowledge and skills in growing horticultural crops, maintaining soil fertility, learn and apply landscaping skills. It also introduces to students different career opportunities in horticultural industry.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Acquire knowledge and skills in horticulture industry.

Proposed first offering: \_\_\_\_\_ Fall \_\_\_\_\_ 2016  
Semester School Year

Proposed by: Alex E. Achalian - AG Instructor Date: April 25, 2016  
Print Name, Title & Initial

Endorsed by: Nancy George Asst. Instructor Date: April 25, 2016  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

_____ Chairperson Committee on Programs & Curricula	_____ Date
_____ Dean of Academic Affairs	_____ Date
_____ Vice President Education and Training	_____ Date





**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Industrial Control Technology**

**I. Rational:**

To create required program description and program learning outcome(s) for the Industrial Control Technology Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students with technical knowledge and skills in service and repair of industrial devices, control and equipment. It also includes wiring and programming the microcontroller, robot assembly and operation, and programming the programmable logic controller (PLC).

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Service and repair industrial devices, control, and equipment.

Proposed first offering: Fall 2016  
Semester School Year

Proposed by: Joel G. Yabes 4/8/16  
Print Name, Title & Initial Date

Endorsed by: Jerry Taron 4/8/16  
Print Name, Title & Initial Date

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Approvals:

\_\_\_\_\_  
Chairperson  
Committee on Programs & Curricula  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Dean of Academic Affairs  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Vice President  
Education and Training  
\_\_\_\_\_  
Date





**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Law Enforcement**

**I. Rational:**

To create required program description and program learning outcome(s) for the Law Enforcement Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students with the basic knowledge and skills they need for job entry or professional development in the law enforcement field.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Demonstrate a foundational understanding of the three components (law enforcement, courts, and corrections) of the Criminal Justice system and the interrelationships among them.
2. Demonstrate an understanding of the duties and role expectations of law enforcement officers.

Proposed first offering: Fall 2016  
Semester School Year

Proposed by: SB  
Samantha T. Bells, Associate Professor Date: 5/2/2016  
Print Name, Title & Initial

Endorsed by: William H. Moses. Date: 5/2/2016  
Print Name, Title & Initial  
William H. Moses, Adjunct Instructor

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

<hr/> <b>Chairperson</b> <b>Committee on Programs &amp; Curricula</b>	<hr/> <b>Date</b>
<hr/> <b>Dean of Academic Affairs</b>	<hr/> <b>Date</b>
<hr/> <b>Vice President</b> <b>Education and Training</b>	<hr/> <b>Date</b>



**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Motor/Motor Control**

**I. Rational:**

To create required program description and program learning outcome(s) for the Motor/Motor Control Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students with knowledge and skills in connecting motors to suit voltage requirements, basic motor controls applicable in industrial control system, waste water, and fresh water control system.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Acquire technical knowledge and skills necessary in the field of basic motor controls.

Proposed first offering: Fall 2016  
Semester School Year

Proposed by: Jerry Taron [Signature] Date: 4/08/16  
Print Name, Title & Initial

Endorsed by: Frutoso Tellei, Instructor [Signature] Date: 4/08/16  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

\_\_\_\_\_  
Chairperson  
Committee on Programs & Curricula  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Dean of Academic Affairs  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Vice President  
Education and Training  
\_\_\_\_\_  
Date





**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Power Train Servicing**

**I. Rational:**

To create required program description and program learning outcome(s) for the Power Train Servicing Certificate Program.

**II. Program Description:**

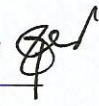
The certificate program is designed to provide students with knowledge and skills to test, repair, and install power train units such as differential assembly, transmission, drive shaft, and clutch system. It also includes servicing of electronic controlled transmission for both planetary gear type and continuous variable transmission.


**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Perform power train system servicing.
2. Service electronic controlled transmission.

Proposed first offering: \_\_\_\_\_ Fall \_\_\_\_\_ 2016  
Semester School Year

Proposed by: Nobby Erano, AM Instructor  Date: \_\_\_\_\_  
Print Name, Title & Initial

Endorsed by: Samantha Rechell [initials] AM Assistant Instructor  Date: 4/14/16  
Print Name, Title & Initial

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

\_\_\_\_\_  
Chairperson  
Committee on Programs & Curricula  
Date

\_\_\_\_\_  
Dean of Academic Affairs  
Date

\_\_\_\_\_  
Vice President  
Education and Training  
Date



**Form CPM-1**  
**ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL**

**Certificate Program: Underchassis Servicing**

**I. Rational:**

To create required program description and program learning outcome(s) for the Underchassis Servicing Certificate Program.

**II. Program Description:**

The certificate program is designed to provide students with knowledge and skills to test, repair, and install under carriage system such as suspension system, steering system, and brake system. It also includes servicing of traction control system.

**III. Program Learning Outcome(s):**

Upon completion of the certificate program, students will be able to:

1. Perform undercarriage components servicing.
2. Service traction control.

Proposed first offering: Fall 2016  
Semester School Year

Proposed by: Nobby Enano, AM instructor 4/14/16  
Print Name, Title & Initial Date:

Endorsed by: Samantha Rechellui AM Assistant Instructor 4/14/16  
Print Name, Title & Initial Date:

**Note:** *An endorser should be a member of a respective advisory committee or has expertise in the field.*

Approvals:

<u>Chairperson</u> Committee on Programs & Curricula	<u>Date</u>
<u>Dean of Academic Affairs</u>	<u>Date</u>
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