



Form NCP-1
ACADEMIC CERTIFICATE PROGRAM MODIFICATION COVER
PAGE

Program Name: Automotive Air Conditioning Servicing

Proposed first offering: Fall 2020 – 2021
 Semester School Year

Proposed by: [Signature] 6/3/2020
 Noby Enano, AM Instructor Date:

Endorsed by: [Signature] 06-05-2020
 Jordan Fransisco, Supervisor/Mechanic Koror State Public Works Date:

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

Approvals:

<u>Marianne Temaungil</u> Chairperson Committee on Programs & Curricula	<u>6/5/2020</u> Date
<u>[Signature]</u> Acting Dean of Academic Affairs	<u>6/10/2020</u> Date
<u>[Signature]</u> Vice President Education & Training	<u>6/10/2020</u> Date



Format NCP
ACADEMIC CERTIFICATE PROGRAM MODIFICATION PROPOSAL

I. Rational

Because the Automotive Technology program was revised with courses being recoded to AT and changes made to some course titles, the automotive certificate, Automotive Air-conditioning Servicing, needed to be revised.

II. Academic Certificate Program Description (changed)

The certificate program is designed to provide students with knowledge and skills to service automotive air-conditioning and comfort heating components. Topics covers servicing expansion valve, control panel, condenser, air-con compressor, air-con evaporator, and pressure switch. It also includes checking air-con sensors, motors, electrical fuses, relays and switches, actuators, and control modules for functionality, rationality, and circuitry.

III. Academic Certificate Program Learning Outcomes (changed)

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

- 1.) Perform automotive air-conditioning and comfort heating servicing.
- 2.) Check automotive air-conditioning sensors, motors, electrical fuses, relays, and switches, actuators, control modules, and comfort heating units for functionality, rationality, and circuitry.
- 3.) Analyze automotive air-conditioning and comfort heating problems.

IV. Curricular Content (changed)

Course No.	Course Name	Credits
AT 112	Engine Servicing I	3
AT 113	Basic Automotive Electricity and Electronics	2
AT 121	Automotive Electricity	3
AT 212	Electronic Engine Management	3
AT 213	Automotive Computer Control System	3
AT 221	Automotive Air-conditioning and Comfort Heating	3
Total credits required:		17