

# Format NCP NEW ACADEMIC CERTIFICATE PROGRAM PROPOSAL

#### I. Rational

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

### II Academic Certificate Program Description

The certificate program is designed to provide students with the 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. Academic Certificate Program Learning Outcomes

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

- 1. Service engines.
- 2. Service the emission control system.

#### IV. Curricular Content

| Cour | se No | Title                              | Credits |
|------|-------|------------------------------------|---------|
| AM   | 112   | Engine Servicing I                 | 2       |
| AM   | 113   | Basic Automotive Electricity and   |         |
|      |       | Electronics                        | 2       |
| AM   | 125   | Automotive Electricity             | 3       |
| AM   | 126   | Engine Servicing II                | 3       |
| AM   | 214   | Electronic Engine Management       | 3       |
| AM   | 225   | Automotive Computer Control System | 3       |
|      |       | Total credits required             | 16      |
|      |       |                                    |         |



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| Program Name: Engine Se  | ervicing  |                                  |
|--|---|----------------------------------|
| Proposed first offering:   | Fall Semester   | 2016<br>School Year              |
|  | Enano, AM Instructor  | Date: 4/14/16                    |
| Endorsed by: Samantha Ro   | chelluul, AM Assistant Instructor   | Date:                            |
| Note: An endorser should be  | n member of a respective advisory committ                                     | ee or has expertise in the field |
| Dean of Activities on Dean of Activities on Dean of Activities on Dean of Activities Dean of Dea | rperson Programs & Curricula  Amarın  ademic Affairs  President  n & Training | 5/23/16 Date  5/23/16 Date  Date |
|  | resident<br>nmunity College   | 5/30/2016<br>Date                |
|  | irperson  of Trustees   | 5/31/16<br>Date                  |