



**Format NCP
NEW ACADEMIC CERTIFICATE PROGRAM PROPOSAL**

I. Rational

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

II. Academic Certificate 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.

III. Academic Certificate Program Learning Outcomes

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

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

IV. Curricular Content

<u>Course No</u>	<u>Title</u>	<u>Credits</u>
GE 113	Computer Operating Systems	3
GE 114	Basic Electronics	3
GE 115	Electronic Tools, Test Instruments & Measurements	3
GE 116	Microcontroller	3
GE 124	Analog Circuits & Applications	3
GE 128	Robotic 1	3
GE 212	Robotic 2	3
GE 217	Industrial Control Technology	<u>3</u>
	Total credits required	24



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Program Name: Industrial Control Technology

Proposed first offering: Fall 2016
Semester School Year

Proposed by: [Signature] Date: 4/8/16
Joel G. Yabes, GE Instructor

Endorsed by: [Signature] Date: 4/8/16
Jerry Taroy, ET Instructor

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

Approvals:

[Signature] 5/23/16
Chairperson
Committee on Programs & Curricula
Date

[Signature] 5/23/16
Dean of Academic Affairs
Date

Sign for: [Signature] 5/23/16
Vice President
Education & Training
Date

[Signature] 5/30/2016
President
Palau Community College
Date

[Signature] 5/31/16
Chairperson
Board of Trustees
Date