PAN African Strategic Studies Initiative

Graduate Certificate in PLC Programming and Scada

GCPLC

PANAfricanSSI's Graduate Certificate in Programmable Logic Controllers (GCPLC) and SCADA is a postgraduate qualification that allows you to develop your expertise in Programmable Logic Controllers, gain an in-depth understanding of the fundamentals of advanced concepts and technologies used in contemporary SCADA systems and DCSs (Distributed Control System), as part of the industrial communication systems.

Outcome

Should the student complete only one or more of the units of competency, but not all required units of competency to achieve the qualification, the student will be issued a certificate of attendance at the time of completion or withdrawal. Where a student completes the full course and completes all units of competency a certificate of completion shall be issued upon completion

Course duration

The full course requires over 940 hours to complete. It includes two semesters of theory and practical.

Delivery Mode

This course is to be delivered through an online delivery and assessment approach. Students will gain access to the relevant learning content through the online portal after enrolment and will be provided a secure log-in to access their learning content.

Entry Requirements

- Regular access to a computer or tablet to undertake learning and assessment activities (some aspects may require use of a computer for full functionality)
- Regular access to the internet and to an email account
- The ability and willingness to complete an online course
- The ability to communicate directly with PANAfricanSSI

Units of Competency

Semester 1

The following units are covered in this semester:-

- ME502 - PLC Programming
- ME503: Industrial Process Control Systems

Semester 2

The following units are covered in this semester:-

- ME602: Scada and Distributed Control Systems
- ME603: Advanced Process Control

Need more information?

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