

UEESS00124

Instrumentation - Programmable control systems



DESCRIPTION

This trading program covers development, installation and testing of programs for programmable controllers (PLC) for a system requiring discrete control functions and industrial system requiring advance control functions. It encompasses working safely, applying knowledge of control systems, control system development methods, using ladder diagrams/statement list/function block diagram instruction sets, following written instructions and documenting program development and testing activities.

ENTRY REQUIREMENTS

To gain entry into, UEESS00124 Instrumentation - Programmable control systems, candidates require:

- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace.

DELIVERY DETAILS

Location (s)	Duration	Study mode
Casuarina	120 Hours <ul style="list-style-type: none">• Complete the online learning material in your own time, at your own pace. – Estimated 60 hours total.• Attend CDU – Casuarina for one (1) week (5 day) block for further instruction, and practical exercises.• Attend CDU – Casuarina for a further one (1) week (5 day) block for the completion of assessment tasks.	Theory completed in self-paced mode. Face to face practicals completed at CDU Casuarina

ELIGIBILITY

To be eligible for a free place, you must be:

- A resident in the Northern Territory, and
- An Australian Citizen or Permanent Resident or a New Zealand citizen resident in Australia for a minimum of six months or a Permanent Humanitarian visa holder, and
- At least 17 years of age (if you are 15 or 16 years of age, contact us, and we'll assess your eligibility)
- Apply & Enrol by **30 June 2020**

You will also need a [Unique Student Identifier](#) (USI) – apply now if you don't have one yet.

To find more information regarding eligibility for NTG subsidised training places, please visit the [Department of Trade, Business and Innovation policies page](#).

FEES

This course is currently free for eligible NT domestic students.

Applications will be accepted between Monday 11 May and Tuesday 30 June 2020 for this free short course. If your application and enrolment are received after this period, standard tuition fees will apply.

Contact us now to secure your place.

ASSESSMENT

Assessments vary with each unit. You will be provided with an assessment guide.

RECOGNITION OF PRIOR LEARNING (RPL)

Students can apply for RPL during pre-enrolment or after enrolment. Students are provided with an RPL Self-Assessment before application and followed through with and an initial interview with an assessor.

RESOURCES

Students are issued with text, access to In line learning material, practical workshop equipment, PLC's and programming tools.

STUDY AND CAREER PATHWAYS

Further training pathways from this qualification include but are not limited to relevant Certificate IV, Diploma and Advanced Diploma qualifications from the UEE11 Electrotechnology Training Package.

Possible occupations relevant to this qualification include:

- Electrician
- Instrumentation Technician
- Refrigeration Tradespeople

PROGRAM CONTENT

This training program covers 2 units of competency taken from the UEE11 Training Package, which is recognised nationwide.

CORE UNITS

UEENEE150A	Develop, enter and verify discrete control programs for programmable controllers
UEENEE151A	Develop, enter and verify word and analogue control programs for programmable logic controllers.

Pre-requisite unit - UEENEE101A Apply Occupational Health Safety regulations, codes and practices in the workplace.

WITHDRAWING FROM A PROGRAM

You may withdraw from this program and receive, where relevant, a Statement of Attainment for all units of competency you have successfully completed.

SUPPORT SERVICES

The University supplies support for students in many areas, including Accommodation, Careers and Employment, Counselling, Disability Service, Equal Opportunity, Discrimination and Harassment advice, Australian Indigenous Student Support Services, Information Technology Services, International Student Support Services, Library Services, and Learner Support Services.

More information is available at - www.cdu.edu.au/study/student-life/student-support

CONTACT DETAILS

Student Central

T. 1800 238 838
E. myVETcourse@cdu.edu.au

Refer to the **VET Student Guide** www.cdu.edu.au/cdu-vet/student-guide for information regarding the enrolment process, student support services, student rights and responsibilities, previous studies recognition and the A-Z of other information.