

CERTIFICATE IV IN ELECTRICAL–INSTRUMENTATION

About RMIT

RMIT University is one of Australia's leading educational institutions. RMIT has an international reputation for excellence in work-relevant education, high quality research, and engagement with the needs of industry and the community. With more than 70,000 students throughout the world, it is one of the largest universities in the country.

About SAGE

SAGE Didactic provides education and training solutions for industrial technologies utilised in today's workplace. It is backed by Australia's leading independent electrical control systems integration company, SAGE Automation, and has strategic collaborations with the world's foremost industrial technology manufacturers, educators and research institutes.

Why choose RMIT?

- » RMIT's training programs are successful because they are structured to meet the realities of today's fast-paced employment markets
- » RMIT offers a range of support activities for trainees, apprentices and employers
- » RMIT recognises prior learning and experience (RPL).

Train for your future

SAGE Didactic, in association with RMIT University is offering you the opportunity to gain the Certificate IV in Electrical – Instrumentation UEE40407. This industry based training program enables you to gain a nationally accredited qualification and essential workplace skills and knowledge that are increasingly high in demand.

What are the benefits?

RMIT in consultation with SAGE and industry has identified a need for training and education in industrial instrumentation and control. This demand is largely driven by a need for electricians to satisfactorily undertake work on process control instrumentation, industrial electronic equipment, PLC control and associated industrial communications systems.

Benefits include:

- » A qualified workforce
- » Skilled staff able to work across multiple disciplines
- » Flexibility of staff able to be deployed across a range of tasks, equipments, work areas and technologies
- » Multi-skilled, cross-trained employees licensed to work on mains powered equipment in addition to instrumentation and electronic apparatus (where the student possesses, or will possess an A-class electrical license)



- » Knowledgeable employees qualified to better contribute to your organisation's productivity and bottom line
- » Convenient and efficient block-training delivery mode
- » Choice of multiple brands and models of control platforms enables the best match to your workplace requirements.

Program structure

This Certificate IV is specifically designed for people who wish to improve their electrotechnology skills and knowledge to include industrial instrumentation. Qualified electricians receive credit for stages 1, 2 and 3 of UEE 40407. Non electricians can study stages 4 and 5 (instrumentation components) of this program and be awarded a Skill Set testamur.

Electives are specifically selected to train technicians and engineers to competently work in modern facilities and plants. They are delivered on the latest industrial platforms by SAGE incorporating contemporary PLC and SCADA technology, and assessed by RMIT.

Students who successfully complete this program will have knowledge and skills in:

- » Process instrumentation theory and practice
- » Safe work practices
- » Measurement devices
- » Analytical measurement
- » Process control systems and equipment
- » Engineering principles
- » Control devices
- » PID controllers, transmitters and converters
- » Programmable controllers at introductory and advanced levels
- » Supervision Control and Data Acquisition (SCADA)
- » Calibration.

How is the program delivered?

Theoretical and practical hands-on teaching and learning is delivered at convenient locations (delivery can be onsite by arrangement) including SAGE Didactic at Melrose Park South Australia. Convenient block release classes can be scheduled as follows:

- » Stage 4 10 x 3 day blocks
- » Stage 5 5 x 3 day blocks
- » Electives 4 x 3 day blocks and 1 x 2 day block

For more information please contact:

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