

Capability for provision of Instrumentation and Electronics training

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This is an in-principle declaration of capability that is not binding on RMIT University, to be used as the basis from which further discussions and negotiations can take place.

A Collaborative Approach to Training

RMIT University (RMIT) in consultation with industry and Australian Apprenticeship Centres (AAC) has identified a need for training and education in industrial instrumentation and control, and electronics. This demand is largely driven by industries' wish for electricians to be able to undertake work on process control instrumentation and industrial electronic equipment and systems.

To better service the needs of industries located remote from Melbourne, RMIT in association with Business-SA, VECCI Apprenticeship Centres, and Adicon have innovative training solutions available. For the convenience of employers and students unable to commute to Melbourne for training delivered on a one day per week basis, the following options are available:

- Block release classes delivered in Melbourne.
- Day release classes via two-way video conference delivered at RMIT Hamilton (Vic) campus.
- eLearning.

For students wishing to commute to Melbourne on a one day per week basis, the following option is available:

- Day release classes at RMIT Melbourne campus.

Combinations of the above delivery modes can be utilised to further convenience clients.

Nationally accredited qualifications and customised short courses are able to be tailored to client's specific needs. RMIT will work with industry to identify skills gaps, perform training needs analysis, and assist clients identify training options to suit their needs.

Programs Available

- Certificate IV in Electrical-Instrumentation UEE40407 'dual-trade' electrical/instrumentation.
 - Four year ab initio apprenticeship
 - Adult apprenticeship or post-apprenticeship traineeship (typically one year) program for students (all states) possessing a certificate III electrical or equivalent, or an A-class electrical license.
 - Trade, technician, paraprofessional and professional engineering qualified persons from other disciplines that are not electricians can study stage four (one years) of this program as a Skill-Set and be issued with an RMIT Statement of Attainment and Certificate of Recognition detailing the competencies passed.
- Certificate III in Engineering-Electrical/Electronics Trade MEM30405.
 - Available as a three year ab initio apprenticeship, or as a post apprenticeship program for electricians and other trades wishing to up-skill/cross-train in electronics.
- Customised training to suit client's specific needs. Accredited (competency based) or non-accredited (client determined subjects and knowledge) short courses tailored to client's skills and knowledge requirements.

Delivery & Assessment Options (instrumentation competencies)

- Block release.
 - 8 x 1 week blocks at RMIT Melbourne campus. 20 hours theory & 20 hours practical training & assessment per week.
- Day release.
 - 40 x 1 day classes/year at RMIT Melbourne campus.
- Day release.
 - Day classes via blended mode eLearning. Delivery at RMIT Hamilton (Vic) campus, and on-site and at RMIT Melbourne for practical learning and assessment.

Practical Learning and Assessment.

Hands-on practical learning and assessment can take place at RMIT Melbourne campus during 4 x 1 week blocks/year (planned maximum).

Work Integrated Learning (WIL) and assessment options can be provided on-site at client's expense. Clients' may wish to consider clustering participants in local workplaces where an RMIT teacher can conduct WIL and assessments on-site, reducing cost outlays to clients by cost sharing associated expenses.

Recognition of Prior Learning (RPL), Recognition of Current Competency (RCC).

Students that have prior learning and successfully passed competencies and learning units in previous studies may be eligible for RPL/RCC. e.g. Participants holding a certificate III electrical or equivalent, or an A-class electrical license will receive RPL for stages 1~3 in the Certificate IV in Electrical-Instrumentation.

Outcomes for Industry

- 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 student possess, or will possess an A-class electrical license).
- Knowledgeable employees qualified to better contribute to organisation's productivity and bottom line.

Capability

Through its focus on needs-driven industry solutions, RMIT is at the forefront of industry-focused training and education solutions in engineering. Programs provided by RMIT are strongly supported by industry, having a vocational focus while also being flexible to address workforce trends and employer's needs. In partnership with employers, RMIT assists in up-skilling the workforce by providing training and education packages structured in response to industry requirements using flexible delivery methods.

Services include:

- Skills auditing, skills gap analysis, training needs analysis.
- Recognition of Prior Learning or Current Competency.
- Up-skill and cross-training.
- Identifying pathways to higher qualifications.
- Course development.
- On-site/off-campus delivery of training programs.
- Work Integrated Learning and on-job assessment.
- Blended mode, eLearning/on-line delivery.
- Pre-apprenticeship and apprenticeship traineeships and cadetships.
- Delivery of flexible education and training programs.
- Customised short programs (accredited and non-accredited).
- Competency assessment.
- Accrediting company specific training programs.
- Articulation into para-professional programs or professional degrees.
- Refresher training.

Quality Management

RMIT University's status as a national university requires it to be subject to quality and performance audits by the Australian University Quality Assurance agency (AUQA). This agency, along with other internal and external authorities, ensures the University maintains policies, procedures and processes to guarantee quality outcomes in teaching, research and consultancies. As a consequence RMIT University has robust quality assurance systems in place.

The University is subject to review by the Department of Education, Employment & Workplace Relations (DEEWR), and the Victorian Registration & Qualifications Authority (VRQA) that play major roles in auditing the University's award-bearing vocational courses including subjects and units of competency in compliance with the Australian Quality Training Framework (AQTF).

RMIT University teaching staff are qualified and trained to assure currency and compliance with AQTF standards. The School of Engineering (TAFE) has established a number of Industry Advisory Councils that it consults with to gain an appreciation of contemporary practices and issues. This knowledge is used to tailor teaching content and delivery such that they reflect industries needs and quality expectations.

Fees & Incentives

Fees payable are dependant on the training service provided and a variety of eligibility criteria that is applied to the education and training system. For example, under the Victorian Government's Skills Reform Policy, State Government Subsidised Places (SGSP) may be available to students meeting the necessary eligibility criteria. Employer and employee incentives may be available¹. South Australian students may be eligible for SA Government assistance² or enrol on a fee for service basis.

RMIT University will aim to maximise the cost effectiveness of training.

About RMIT University

RMIT University is a dual sector (TAFE and Higher Education) global university headquartered in the City of Melbourne, Australia. It is a University that creates and disseminates knowledge to meet the needs of industry and community, fostering in the participants the skills and passion to contribute to, and engage with the world. RMIT University is one of Australia's top research and vocational universities, internationally known for its applied focus and for excellence in research, education and training across both higher education and vocational areas.

With over 120 years of history, RMIT University is also one of Australia's largest educational institutions with more than 70,000 students in 2008 studying in Greater Melbourne and Provincial Victoria, Regional Australia, Vietnam, and at partner institutes throughout South East Asia. The provision of training, education and consultancy services to clients based in Australia and overseas is a major focus of RMIT University's activities. The University's client base includes major corporations, SMEs, international management organisations, international and Australian federal, state and local government agencies, NGOs and community organisations.

¹ Consult your VECCI representative for details.

² Consult your Business-SA representative for details.