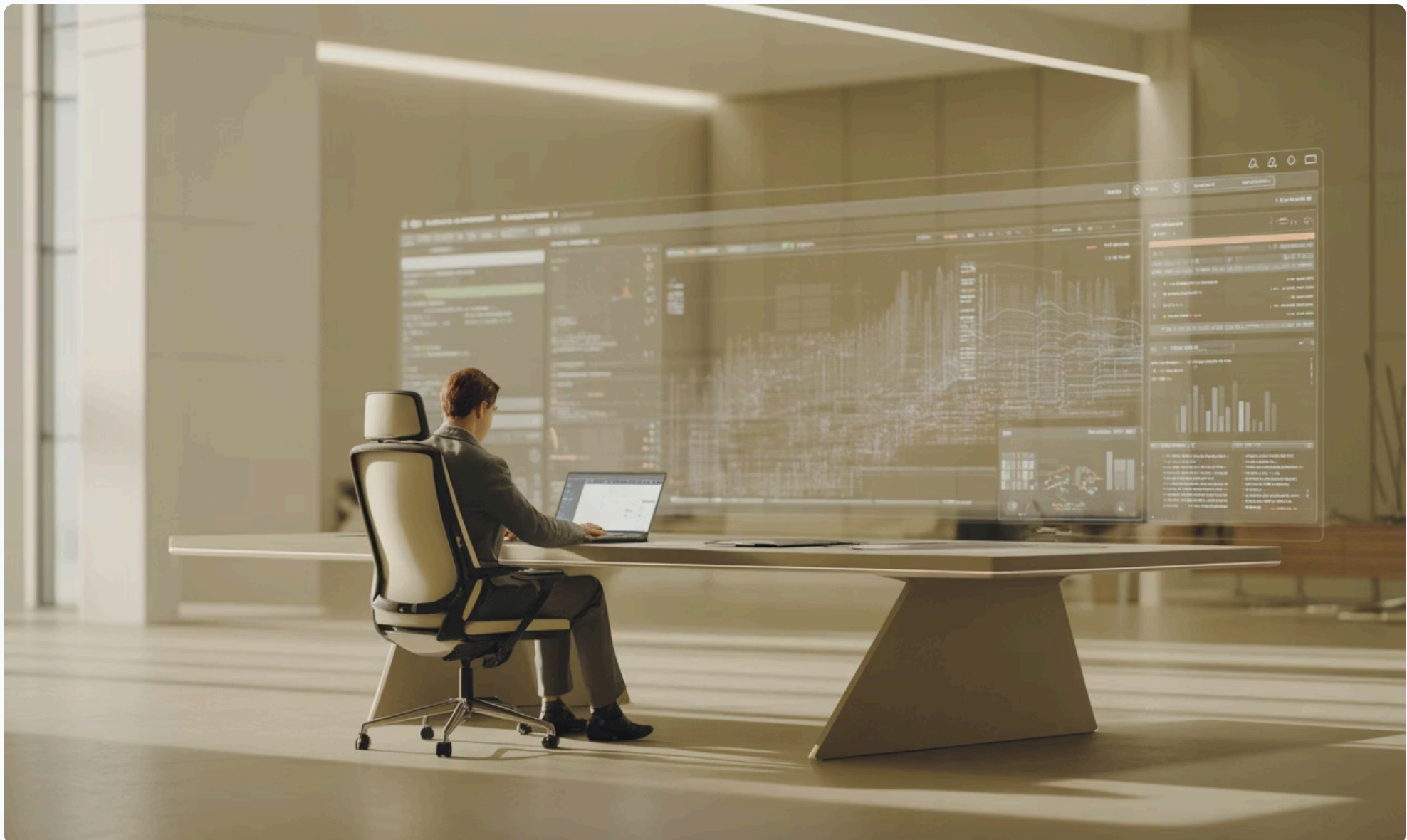


ICT60220 Advanced Diploma of Information Technology

Elevate your career with Australia's premier advanced ICT qualification, delivered by Institute of International Studies (RTO Code: 45883). This nationally recognised course is designed for experienced ICT professionals ready to take their expertise to the next level.



Transform Your ICT Career

The ICT60220 Advanced Diploma of Information Technology is specifically designed for experienced ICT professionals seeking to advance their careers into specialist technical positions or strategic management roles. This comprehensive qualification reflects the sophisticated skill set required to lead complex technical projects, manage cyber security infrastructure, and develop enterprise-level solutions in today's rapidly evolving technology landscape.

Whether you're an independent contractor, team leader, or aspiring to senior management positions, this qualification provides the advanced capabilities and strategic thinking required to excel. Individuals in these roles undertake complex tasks in specialist fields, working independently whilst providing technical leadership and strategic direction for businesses across diverse industries.

Our program is delivered entirely online over 78 weeks, allowing working professionals to balance career commitments whilst pursuing advanced qualifications. The flexible delivery model combines live online sessions and self-paced learning, ensuring you receive comprehensive support whilst maintaining the flexibility that modern professionals require.



 **RTO Code: 45883**

Institute of International Studies (IOIS) is a registered training organisation delivering nationally recognised qualifications across Australia.

Specialist Technical Domains

Develop expertise across the critical ICT domains that drive modern business success. Our comprehensive curriculum covers advanced technologies and methodologies that organisations across Australia demand from senior ICT professionals.

Advanced Data Management

Create, design and monitor complex systems that store and manage data effectively. Optimise organisational knowledge management systems and implement sophisticated data architectures that support business intelligence and analytics capabilities.

Cyber Security Excellence

Protect sensitive data and information through advanced security architecture. Develop comprehensive disaster recovery plans, implement identity management systems, and design virtualised security infrastructure that safeguards organisational assets.

Full Stack Development

Build advanced user interfaces and develop sophisticated REST APIs. Design comprehensive user experience solutions that meet complex business requirements and deliver exceptional digital products.

Network Engineering

Manage telecommunications network projects, ensuring compliance with regulations. Design and troubleshoot advanced integrated IP networks, manage network traffic, and produce enterprise-level network architecture designs.

Advanced Data

Design and monitor data systems

Cyber Security

Protect data with robust architecture

Full Stack

Build interfaces and REST APIs

Network Engineering

Design and manage IP networks



Strategic ICT Capabilities

Beyond technical expertise, this qualification develops the strategic and management capabilities essential for senior ICT roles. You'll learn to align technology initiatives with organisational objectives, manage complex projects, and communicate effectively with stakeholders at all levels.



Advanced Programming

Apply advanced ICT languages to maintain security protocols and manage complex data systems effectively across enterprise environments.



IT Strategy & Organisational Development

Manage and communicate strategic ICT business solutions that align technology investments with organisational objectives and deliver measurable value.



Systems Development & Analysis

Model and test data objects, analyse data processes, and design preferred ICT system solutions for complex enterprise environments.

Advanced
Programming



Security & Data

IT Strategy

Systems Development

Course Delivery & Structure

Flexible Online Learning

The ICT60220 Advanced Diploma is delivered over 78 weeks through a comprehensive online delivery mode designed specifically for working professionals. Our fully online delivery model includes live online sessions via Microsoft Teams and self-paced learning through our Moodle learning platform.

This approach ensures you receive comprehensive support and interaction with trainers and peers whilst maintaining the flexibility that modern professionals require. Students engage with industry-standard tools and platforms, participating in simulation-based assessments that mirror real workplace scenarios.

This practical, applied approach ensures graduates are job-ready from day one, with demonstrated capabilities in managing complex ICT projects and strategic initiatives. Assessment is conducted entirely online using secure digital tools that maintain authenticity and integrity whilst providing a realistic workplace experience.

78

Weeks Duration

Comprehensive learning pathway designed for working professionals

16

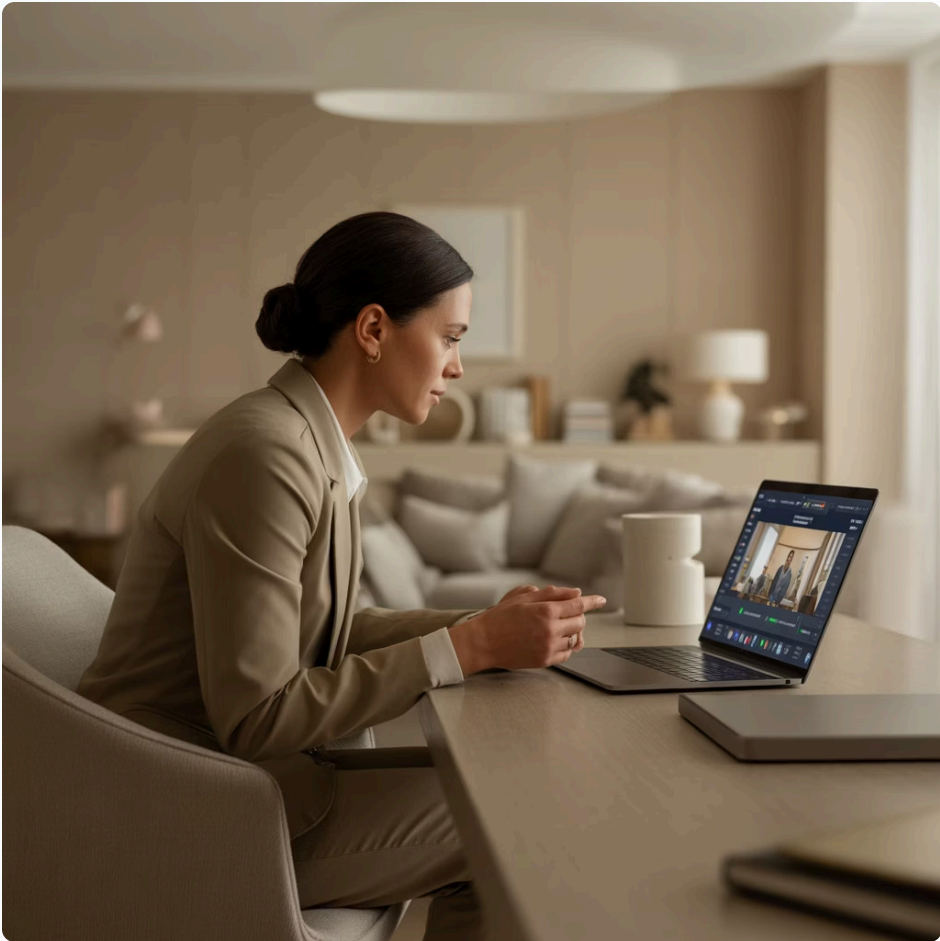
Units of Competency

Core units and specialist electives in cyber security and networking

100%

Online Delivery

Flexible study options with live sessions and self-paced learning



Career Pathways & Opportunities

Completion of the ICT60220 Advanced Diploma opens doors to senior-level positions across the technology sector throughout Australia. Our graduates secure roles in diverse industries, from multinational corporations to innovative start-ups, and many progress to establish their own ICT consulting businesses.



ICT Project Manager

Lead complex technology projects, managing resources, timelines, budgets, and stakeholder expectations to deliver successful outcomes that align with organisational strategy.



ICT Systems Manager

Oversee enterprise IT systems, ensuring optimal performance, security, compliance, and alignment with business objectives across the organisation.



IT Business Analyst

Bridge the gap between business needs and technical solutions, translating complex requirements into actionable specifications and implementation plans.



Network Security Specialist

Protect organisational assets through advanced security protocols, threat assessment, incident response strategies, and comprehensive security architecture design.



Systems Developer

Design and implement sophisticated software solutions that address complex business and technical challenges across enterprise environments.



ICT Consultant

Provide expert advice on technology strategy, implementation, optimisation, and governance to diverse clients across multiple industries and sectors.

Entry Requirements

We've designed our entry requirements to ensure students are adequately prepared for advanced-level study whilst recognising diverse pathways into the ICT profession. Our comprehensive assessment process ensures every student has the foundation needed for success.

01

Academic Qualifications

Successful completion of ICT50220 Diploma of Information Technology or equivalent qualification, OR demonstrated work experience in an ICT or related role involving technical or supervisory responsibilities. We recognise both formal qualifications and practical workplace experience.

03

Technical Requirements

Access to a computer or laptop with up-to-date operating system, reliable internet connection (minimum 10 Mbps), webcam, and microphone. Basic skills in email, file management, word processing, and internet browsing are essential for online delivery.

02

Language, Literacy, Numeracy & Digital Assessment

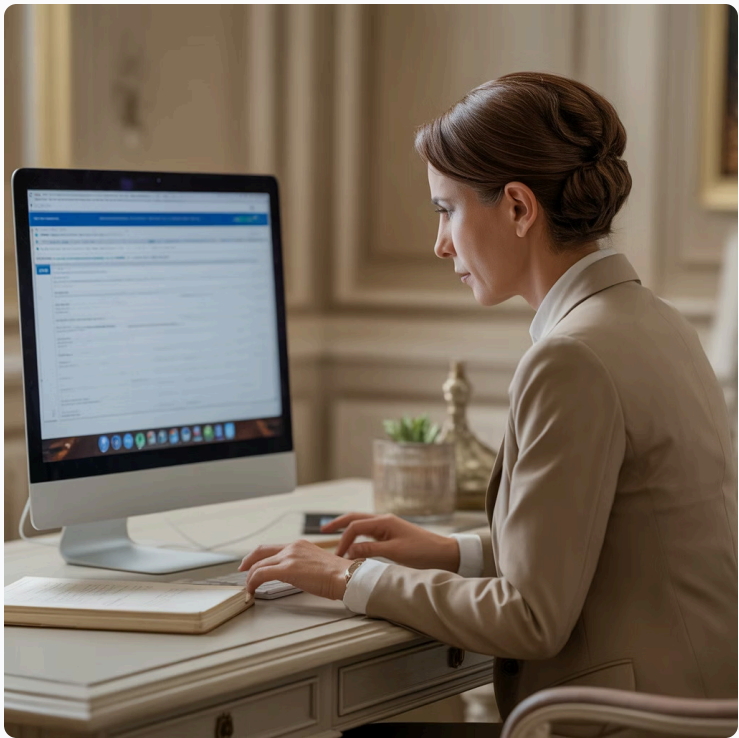
All prospective students must undertake an LLND assessment prior to enrolment. Reading and writing skills at ACSF Level 4 and numeracy skills at ACSF Level 3 or above are required, along with basic digital literacy to engage with online learning platforms.

04

Course Entry Interview

Participate in a course entry interview to determine qualification suitability and identify individual learner needs. This ensures we can provide appropriate support throughout your studies. Applicants must be 18 years of age or older at time of enrolment.

Assessment & Learning Approach



Assessment is designed to evaluate learners' skills and knowledge in realistic ICT contexts, using online methods and digital tools that replicate workplace conditions whilst maintaining authenticity and integrity. This ensures graduates can immediately apply their learning in professional environments.

Our assessment strategy utilises a combination of workplace simulations, applied projects, written assessments, and live performance observations conducted through secure online platforms. Trainers and assessors provide clear digital instructions, detailed observation checklists, and individualised feedback through our learning management system.

All assessment for the ICT60220 Advanced Diploma is conducted in accordance with the requirements of the training package and the Standards for RTOs 2025, ensuring full compliance with the Principles of Assessment and Rules of Evidence.



Online Simulations

Workplace scenarios conducted through Moodle and Microsoft Teams, allowing demonstration of technical problem-solving and strategic management skills in realistic virtual environments that mirror actual work situations.



Applied Projects

Case studies, reports, and portfolios requiring research, analysis, and strategic recommendations submitted online with workplace-style documentation and professional presentation standards.



Written Assessments

Knowledge questions completed via Moodle under trainer guidance with plagiarism monitoring tools such as Turnitin ensuring academic integrity and authentic demonstration of learning.



Live Performance

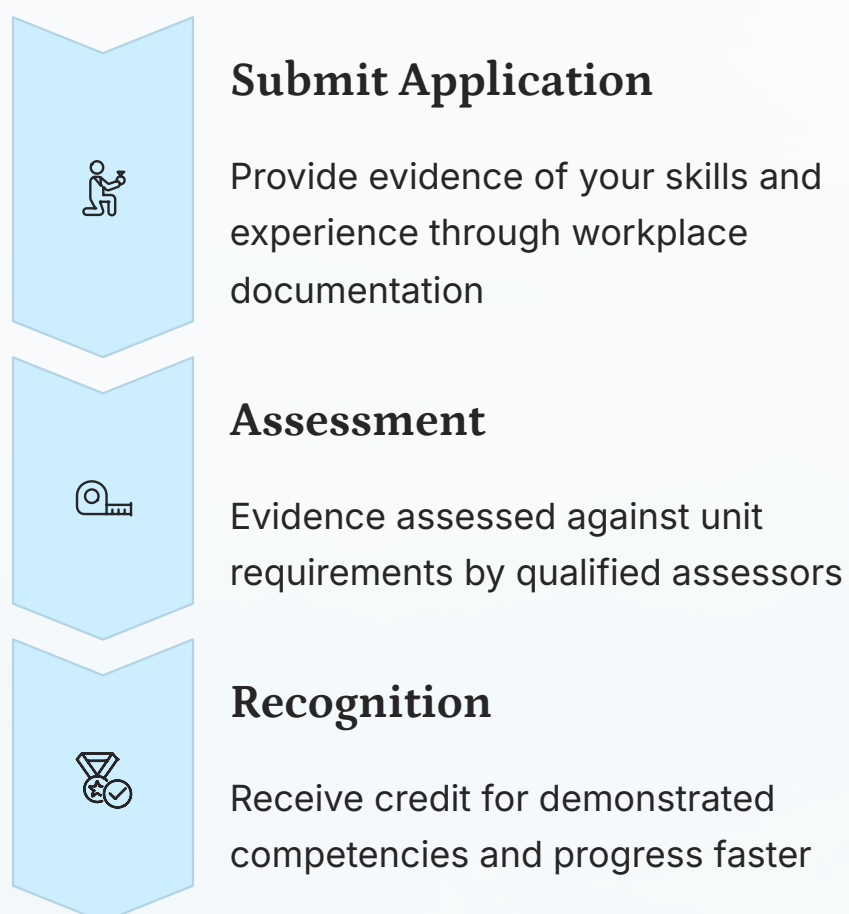
Role plays and presentations conducted via Microsoft Teams with assessors observing and recording performance for authenticity verification and detailed constructive feedback.

Recognition & Credit Pathways

Institute of International Studies recognises that many students bring valuable prior learning and experience to their studies. We offer comprehensive recognition pathways that acknowledge your existing capabilities and accelerate your pathway to qualification.

Recognition of Prior Learning (RPL)

Already have relevant experience or training? You may be eligible for Recognition of Prior Learning, which acknowledges your existing skills and knowledge gained through workplace experience, informal training, or life experience in ICT roles.



RPL applications are assessed against unit of competency requirements. An RPL assessment plan will be developed in consultation with each candidate to ensure a fair and thorough evaluation process.

Credit Transfer

Already completed relevant units at another registered training organisation? You may be eligible for credit transfer, fast-tracking your pathway to qualification and avoiding unnecessary duplication of learning.



- **Automatic Recognition**

Previously completed units are recognised immediately upon verification of your official transcripts or statements of attainment.

- **Simple Process**

Provide certified copies of transcripts or statements of attainment issued by any Australian registered training organisation.

- **Faster Completion**

Focus your time and effort on new learning areas whilst receiving full recognition for previous achievements.

Course Structure & Investment

The ICT60220 Advanced Diploma comprises 16 units of competency, including 6 core units and 10 elective units. This structure provides a solid foundation in essential ICT management skills whilst allowing specialisation in cyber security and network engineering.

Core Units (6 units)

Code	Unit Name	Type
BSBCRT611	Apply critical thinking for complex problem solving	Core
BSBTWK502	Manage team effectiveness	Core
BSBXCS402	Promote workplace cyber security awareness and best practices	Core
ICTICT608	Interact with clients on a business level	Core
ICTICT618	Manage IP, ethics and privacy in ICT environments	Core
ICTSAD609	Plan and monitor business analysis activities in an ICT environment	Core

Elective Units - Cyber Security & Network Engineering Specialisation (10 units)

Code	Unit Name	Group
ICTCYS604	Implement best practices for identity management	Elective B
ICTCYS606	Evaluate an organisation's compliance with cyber security standards and law	Elective B
ICTCYS608	Perform cyber security risk assessments	Elective B
ICTCYS612	Design and implement virtualised cyber security infrastructure for organisations	Elective B
ICTNPL413	Evaluate networking regulations and legislation for the telecommunications industry	Elective G
ICTNWK612	Plan and manage troubleshooting advanced integrated IP networks	Elective G
ICTPMG613	Manage ICT project planning	Elective G
ICTTEN615	Manage network traffic	Elective G
ICTTEN622	Produce ICT network architecture designs	Elective G
ICTSAD508	Develop technical requirements for business solutions	General

Tuition Investment

For detailed information about tuition fees, payment plans, and available government funding options, please contact our admissions team. We offer flexible payment arrangements to support your professional development journey.

Further Education Pathways

Graduates may progress to higher-level qualifications including ICT80120 Graduate Diploma of Information Technology, BSB80120 Graduate Diploma of Management (Learning), or Bachelor's degree programs in Information Technology, Computer Science, or related disciplines at Australian universities.



Ready to Advance Your Career?

Contact Institute of International Studies today to discuss your enrolment options and begin your journey to advanced ICT expertise.

RTO Code: 45883

Email: admission@iois.edu.au

