ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY (TELECOMMUNICATIONS NETWORK ENGINEERING) -ICT60220

Description

This qualification reflects the role of individuals in a variety of information and communications technology (ICT) roles who have significant experience in specialist technical skills, or managerial business and people management skills.

Individuals in these roles carry out complex tasks in a specialist field, working independently, leading a team or a strategic direction of a business. They apply their skills across a wide range of industries and business functions, or as a business owner (sole trader/contractor).

SKILLS REQUIRED FOR THESE ROLES

Advanced data management information:

Creating, designing and monitoring complex systems that store data, and optimising organisational knowledge management

Cyber security:

Protecting sensitive data and information through security architecture, and developing disaster recovery and contingency plans

Full stack web development:

Building advanced user interfaces, developing representational state transfer application program interfaces (REST APIs) and designing user experience solutions further

Further programming:

Applying advanced ICT languages to maintain security and manage data

IT strategy and organisational development:

Managing and communicating strategic ICT business solutions

Systems development and analysis

Modelling and testing data objects, data processes and preferred ICT system solutions

Telecommunications network engineering:

Managing logistics, organisational specifications, regulations and legislative requirements across network projects.

ACCREDITATION

This qualification is nationally recognised under the Australian Qualifications Framework (AQF).

CLIENT GROUPS

Overseas / International students will be:
- Holding valid Student Visa
- Fee for service

Learners with experience in the relevant industry or education can apply for Recognition of Prior Learning (RPL) and Credit Transfer. Please refer to 'RECOGNITION OF PRIOR LEARNING AND CREDIT TRANSFER' section or contact Yarra College Australia (YCA).

ENTRY REQUIREMENTS

Qualification Package Entry Requirements

There are no specific entry requirements for this course.

YCA Admission Requirements

YCA has the following admission requirements:

- Entry into the course at YCA requires IELTS band score of 5.5 or equivalent in line with Department of Home Affairs regulations.

- Satisfactory completion of studies in applicant's home country equivalent to an Australian Year 12 qualification is required for entry into this course.

- All students must be of the age 18 years or over at the time of the scheduled course commencement.

- Typical ACSF LLN level would be Level 4 – Level 5.

- All learners will be required to demonstrate their LLN (Language, Literacy, and Numeracy) level on enrolling into this course.

Required Australian Core Skills Framework (ACSF) Level

ACSF level 4 is required in reading, writing, learning, numeracy and oral communication.

Licensing / Regulatory Information

No occupational licensing, certification or specific legislative requirements apply to this qualification at the time of publication.

PATHWAY FROM THE QUALIFICATION

Training Pathway

After successfully completing and achieving ICT60220 - Advanced Diploma of Information Technology, individuals could progress to the further studies like a bachelor's program in information technology.

Employment Pathway

This qualification enables the student to seek employment in the following job roles:

- Knowledge Manager

- eLearning Manager

- Enterprise Application Integration

- Consultant

- Enterprise Architecture Manager

- Software Manager

Learners who complete a course are reminded at the time of completion, of further opportunities, unless a learning barrier has been identified that would hinder their progression to a higher qualification level.

Source: https://www.myskills.gov.au/courses/details?Code=ICT60220

Training Delivery

The program for international students takes place in a classroom environment. Yarra College Australia uses a range of techniques during face-to-face delivery including trainer presentations and demonstrations, individual tasks, case studies, research, role plays, practical demonstrations and group work. The context of the simulated workplace environment will be incorporated into delivery methodologies and students will complete tasks to appropriate workplace standards.

The participants in each program group will be provided with detailed learning materials to support the activities. These materials will include learning, assessment and other reference material relevant to the unit of competency being delivered.

Duration

This course is offered full time over 104 weeks (including holidays) on a full-time basis for 20 hours per week. Students need to gain competency in 16 units (06 core units and 10 elective units) to successfully complete this course.

Recognition Of Prior Learning And Credit Transfer

The underlying principle of Nationally Recognised Training is that a learner does not have to repeat training and assessment that has already been undertaken.

YCA has a Recognition of Prior Learning (RPL) and Credit Transfer Policies and Procedures and can be found at YCA's website, which outlines in detail a process to be followed for granting recognition and credit transfer. This is supported through the RPL guidelines for this qualification which focus specifically on all units.

Learners are encouraged to apply for RPL prior to or immediately after formal enrolment but prior to the facilitated delivery of units to ensure that they do not miss any training opportunities offered should they be unsuccessful in the RPL process.

Credit Transfer relates to the recognition of learning achieved through formal education and training, and involves assessing a previously completed course or units to see if it provides equivalent learning or competency outcomes to those required within the current course of study.

Learners must provide transcripts of results and/or statements of attainment for credit transfer to be assessed.

Where a learner is successful in the RPL or Credit Transfer (CT) application, the units to be undertaken and course duration will be adjusted accordingly.

Where RPL is granted, learners do not have to participate in further training and assessment for skills and knowledge that they already possess.

Course Fee

Published on website :
www.yarracollege.vic.edu.au
Note: Students will be provided with the option of Easy Monthly Instalments. Students are advised to contact the Institute in relation to the updated and recent fees for the course. The Course fee is subject to change.

Terms And Conditions

- YCA will strive to maintain highly competitive fair and reasonable fee structures.

- YCA adjusts its fees and charges from time to time. Changes to fees will be fairly and equitably applied, advertised and clearly indicate the date from which the change will take effect.

- YCA provides details of course fees in all course information.

- YCA will ensure these fees are applied and communicated to clients prior to enrolment.

- In accordance with the Standards for RTOs 2015, YCA adopts the following to protect fees paid in advance.

- Flexible payment arrangements / options will accommodate individual circumstances.

- Fees must be paid in full before certification will be issued.

- Acceptable payment options can be made via credit card, direct debit, and EFT remittance to accommodate the diverse financial situations of clients.

Course Structure

For International Students, Students will participate in a total of 2400 hours of training, learning and assessment activities .This is volume of delivery includes 1600 hours of training i.e., classroom training (886 hours) & supervised assessment (714 hours) In addition, students will be required to complete 10 hours of self-study each week which may involve reading their learner guides, class materials, discussing their work

with their trainer/assessor and/or other students and completing assessment tasks that are not done in class / kitchen such as projects.

As per packaging rules, 16 units must be completed. These include 06 core units and 10 elective units.

Course Commencement
Please contact YCA for the intake dates at : info@yarracollege.vic.edu.au

Core Units

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

Elective Units

UNIT CODE	UNIT NAME
ICTNPL413	Evaluate networking regulations and legislation for the telecommunications industry
ICTNWK612	Plan and manage troubleshooting advanced integrated IP networks
ICTPMG613	Manage ICT project planning
ICTTEN615	Manage network traffic
ICTTEN622	Produce ICT network architecture designs
ICTNWK561	Design enterprise wireless local area networks
ICTTEN826	Evaluate and apply digital signal processing to communication systems
ICTTEN827	Produce engineering solutions
ICTNWK546	Manage network security
ICTNWK560	Determine best-fit topologies for wide area networks

Assessment Methods

Each unit is delivered and assessed as a standalone unit. Assessment comprises written assignments, activities and practical application projects. Students are required to attend training and assessment activities as scheduled.

Assessment is structured throughout the course. If students are unable to achieve competency, additional support is provided through mentoring and access to re-assessment as outlined in our policies and procedures.

Assessment requires achievement across all tasks to demonstrate competence and may include:
- Knowledge Questions
- Project Work

Resources / Materials

The Class room facilities are equipped with all the required equipment in accordance with the training package (https://training.gov.au/Training/Details/ICT60220). Students will be provided with access to the following resources required to complete the qualification successfully upon enrolment:
- Unit's Notes
- Access to internet
- Student Workbooks and Resources
- Training Facility
- PowerPoint Slides and Handouts
- Laptops / Desktops / Computing Devices with appropriate software

Completion

Upon successful completion of this course, student will receive a nationally recognised ICT60220 - Advanced Diploma of Information Technology. Students who do not complete all units may be eligible for a Statement of Attainment for partial completion of the ICT60220 - Advanced Diploma of Information Technology.

Course Delivery Location

The training delivery location :
- Classes: Level 6, 190 Queen Street, Melbourne, VIC 3000, Australia

Further Information

Before enrolment, each student should ensure she/he meets the following requirements:
- Enrolment Application Form can be downloaded from website https://Yarracollege.vic.edu.au/ or request to be emailed can be forwarded to admissions@ yarracollege.vic.edu.au
- Read and understand the complete information available at YCA website https://yarracollege.vic.edu.au/ or email your request to info@yarracollege.vic.edu.au
- Read and understand all policies and procedures available at YCA website or email your request to info@yarracollege.vic.edu.au
- Provide YCA with their Unique Student Identifier (USI) number.
  For more information, see https://www.usi.gov.au/students/create-your-usi.
- You can post or visit us at our head office in Level 6, 190 Queen Street, Melbourne VIC, 3000, or call us at +61390175256.
- You will also find further information about fees and refunds and the enrolment process applied by YCA on the website https://yarracollege.vic.edu.au/ and Student Handbook.
- For further details or queries, YCA can be contacted via email at info@yarracollege.vic.edu.au or admissions@yarracollege.vic.edu.au or phone: +61390175256

Important Information

- YCA has got the systems in place to make sure that students are getting quality training during the course. YCA is responsible for compliance and training & assessment of this course and there are no third-party training provider services acquired by YCA.

- Please go through the policies and procedures regarding enrolment, fee refunds, course progress and complaints & appeals available on the website https://yarracollege.vic.edu.au/

Yarra College
Australia

Contact us: +61 466106256

✉ info@yarracollege.vic.edu.au
🌐 www.yarracollege.vic.edu.au
📍 Campus: Level 6, 190 Queen Street, Melbourne, 3000
📍 Training Kitchen: 18 Lens Street, Coburg, 3058

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WITH US**