



Diploma of Telecommunications Network Engineering

Program Overview

The Diploma of Telecommunications Network Engineering equips students with high-level skills in network architecture, network traffic management, encryption technologies, and telecommunications engineering. Students graduate with the ability to design, implement, and manage advanced ICT networks with strong emphasis on security and project management.

Possible Career Opportunities:

- Associate Engineer
- Telecommunications Technician
- Telecommunications Engineer
- Network Architect
- IT Project Manager

Entry Requirements:

- Completed Year 13 or Pass in Year 12 or
- Work experience in relevant industry sector or
- Met the mature student criteria.

(If above not met, must pass vocational literacy and numeracy test set by OIT.)

Duration & Delivery & Fees:

- 3 to 4 Trimesters
- Blended Delivery: Face-to-Face and online through Moodle
- Total Fees - \$7,000.00

Unit of Competency

Core Units (6)

1. TTNE 51 – Apply critical thinking for complex problem solving
2. TTNE 52 – Manage team effectiveness
3. TTNE 53 – Promote workplace cyber security awareness and best practices
4. TTNE 54 – Interact with clients on a business level
5. TTNE 55 – Manage IP, ethics and privacy in ICT environments
6. TTNE 56 – Plan and monitor business analysis activities in an ICT environment

Elective Units (11)

Networking & Security

1. TTNE 570 – Evaluate networking regulations and legislation for the telecommunications industry
2. TTNE 571 – Plan and manage troubleshooting advanced integrated IP networks
3. TTNE 572 – Produce ICT network architecture designs
4. TTNE 573 – Design an enterprise wireless local area network
5. TTNE 574 – Design ICT system security controls
6. TTNE 575 – Manage network traffic
7. TTNE 576 – Implement secure encryption
8. TTNE 577 – Manage network security

Project & Sustainability

9. TTNE 580 – Manage ICT project planning
10. TTNE 581 – Plan and direct complex ICT projects
11. TTNE 582 – Integrate sustainability in ICT planning and design projects

For further information, please contact on email info@oit.ac.fj or phone (679) 835 2627 / (679) 672 0123

For enrolment, please visit OIT Namaka Campus, Level 1, Challenge Plaza, Namaka, Nadi or apply online via <https://oit.ac.fj/qualification-application-form/>

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