

# Integrated Telecommunications Job Pathways

ICT10

## Potential Australian Apprenticeships Job Outcomes

## Further Study Options

Stream

Certificate II

Certificate III

Certificate IV

Diploma

Advanced Diploma



### General

- [Cabler & Installer](#)
- [Equipment Installer](#)
- [IP Based Network Installer](#)
- [Equipment Installer](#)
- Telecommunications Equipment Operator

- [Telecommunications Network Equipment Installer](#)
- [Technical Support – Telecommunications Installation](#)
- IP Based Security Alarms Installer
- [Telecommunications Internet Protocol Equipment Operator](#)
- Optical Broadband Network Installer
- Wireless Broadband Network Installer
- Home Media Network Installer

- Telecommunications Human Resources Manager
- Telecommunications Customer Service Manager
- Telecommunications Recruitment Manager
- Telecommunications Accounts Manager
- Telecommunications Finance Manager
- [Telecommunications Business Manager](#)

### Cabling

- Data Cabler
- Security Alarm Cabler
- [Telecommunications Access Network Cabler](#)
- [Network Security Cabler](#)
- Carrier Services Cabler
- [Customer Premises Equipment Cabler](#)

- Access Network Cabler & Installer
- [Customer Premises Equipment Cabler & Installer](#)
- [Optical Broadband Network Equipment Installer](#)
- Security Alarm Installer
- Telecommunications Equipment Operator
- Home Media Network Installer

Entry level is usually at Certificate II or III or at any level with Recognition of Prior Learning assessed on existing industry experience or qualifications

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### Contacts

**Industry Skills Council:** Innovation and Business Services Australia  
**Website:** [www.ibsa.org.au](http://www.ibsa.org.au)  
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### Digital Reception Technology

- [TV & Digital TV Antenna Installer](#)
- Subscription TV Installer
- [Satellite TV Installer](#)
- Free to Air TV Installer
- Home Media Network Installer

- [Audiovisual Systems Integrator](#)
- Field Service Technician – RF Services
- Free to Air Installer – Multiple Services
- [Subscription TV Installer – Multiple Services](#)
- Home Media Network Installer

### Rigging

- [Radio Telecommunications Installer on Structures](#)
- Telecommunications Rigger

- [Telecommunications Rigger Technician](#)
- Installer of Radio Equipment and Cabling on Radio Tower
- Testing and Maintenance Technician of Telecommunications radio Network Equipment on Structures

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<b>Broadband &amp; Wireless Networks</b>		<ul style="list-style-type: none"> <li>Broadband Installer</li> <li><a href="#">Optical Broadband Network Installer</a></li> <li><a href="#">Wireless Broadband Network Installer</a></li> <li>Access Network Cabling Installer</li> <li><a href="#">Broadband Network Infrastructure Installer</a></li> <li>Installer of Telecommunications Aerial Cable Access Network</li> <li><a href="#">Underground Cable Linesperson</a></li> <li><a href="#">Underground Cable Installation Technician</a></li> </ul>			
<b>Optical Networks</b>			<ul style="list-style-type: none"> <li>Customer Equipment Installer</li> <li>IP Based Network Installer</li> <li><a href="#">Optical Network Infrastructure Installer</a></li> <li>Optical Network Technician</li> <li>Secure IT Network Installer</li> <li>Telecommunications Technician</li> </ul>	<ul style="list-style-type: none"> <li>Installer of Emerging Technologies</li> <li>IP Based Optical Network Installer</li> <li>Specialised Optical Network Infrastructure Planner</li> <li><a href="#">Optical Telecommunications Network Technical Specialist</a></li> </ul>	<ul style="list-style-type: none"> <li>Telecommunications Network Manager</li> <li>Optical Network Designer</li> <li><a href="#">Optical Network Manager</a></li> <li><a href="#">IP Based Convergence Integrator</a></li> <li>IP Based Optical Network Designer</li> <li>Network Security Manager</li> </ul>

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<b>Network Engineering &amp; Technology</b>			<ul style="list-style-type: none"> <li>• <a href="#">Telecommunications Network Technician</a></li> <li>• Rail Infrastructure Communications Technician</li> <li>• NBN User Network Installer</li> <li>• Broadband Applications Network Installer</li> <li>• <a href="#">Customer Computer System Installer</a></li> <li>• Wireless Network Equipment Installer</li> <li>• Smart Grid and IPTV Network Installer</li> <li>• Wireless LAN Installer</li> <li>• RFID System Installer</li> <li>• SME Network Installer</li> <li>• Optical Network Equipment Installer</li> <li>• Network Security System Installer</li> <li>• Sustainability Network Installer</li> <li>• Radio Technician</li> <li>• IP Based Network Installer</li> <li>• <a href="#">Home Media Network Installer</a></li> </ul>	<ul style="list-style-type: none"> <li>• Telecommunications Engineering Network Technical Specialist</li> <li>• LAN &amp; WAN Communications Network Specialist</li> <li>• ICT Convergence Network Specialist</li> <li>• NBN Network Specialist</li> <li>• Wireless Mesh Network Planner</li> <li>• Installer of Emerging Technologies</li> <li>• Radio and Optical Communications Network Specialist</li> <li>• <a href="#">Secure IP Network Specialist</a></li> <li>• <a href="#">Specialised Network Infrastructure Installer</a></li> <li>• Secure IT Network Architecture Installer</li> </ul>	<ul style="list-style-type: none"> <li>• Telecommunications Engineering Network Manager</li> <li>• Telecommunications Network Planner</li> <li>• ICT network Designer</li> <li>• IP Based Convergence Integrator</li> <li>• IP Based Network Designer</li> <li>• ICT Network Security Manager</li> <li>• Wireless ICT Network Designer</li> <li>• Optical ICT Network Designer</li> </ul>

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<b>Radio Communications &amp; RF Networks</b>			<ul style="list-style-type: none"> <li>• <a href="#">Radio Communications Technician</a></li> <li>• Radio Frequency Network Technician</li> <li>• Radio Frequency Auditor</li> <li>• WiMAX or WiFi Systems Installer</li> <li>• <a href="#">Wireless System Installer</a></li> <li>• Telecommunications Radio Technician</li> <li>• Customer Radio Equipment Installer</li> <li>• <a href="#">IP Based Network Installer</a></li> <li>• RF Network Infrastructure Installer</li> <li>• RF Network Technician</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Telecommunications Technical Specialist - RF</a></li> <li>• Installer of IP Based RF Networks</li> <li>• Installer of Emerging Technologies</li> <li>• Specialised RF Network Infrastructure Planner</li> </ul>	
<b>Planning &amp; Design</b>			<ul style="list-style-type: none"> <li>• <a href="#">Access Network Planner</a></li> <li>• Core Network Planner</li> <li>• Telecommunications Building Infrastructure Network Planner</li> <li>• Telecommunications Technician Planner</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Service Provider Network Planner</a></li> <li>• Service Provider Network Designer</li> <li>• Telecommunications Network Planning Specialist</li> </ul>	

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