



Australian Government

UEECS0003 Assemble, set up and test computing devices

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Application

This unit involves the skills and knowledge required to assemble, set up and test computing devices.

It includes applying safe working practices; checking computer components; assembling components; installing and testing operating system, drivers and application software; following instructions and completing work.

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

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Competency Field

Computer Systems

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Assemble computing devices

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1 Work health and safety (WHS)/occupational health and safety (OHS) processes and workplace procedures for a given work area are identified, obtained and applied
- 1.2 WHS/OHS risk control measures and workplace procedures in relation to computer and keyboard use are

followed

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| | 1.3 | Advice is sought from work supervisor to ensure work is coordinated effectively with others |
| | 1.4 | Computer components, operating system, application software and testing devices are obtained in accordance with workplace procedures and relevant industry standards |
| | 1.5 | Computer components are assembled and connected in accordance with manufacturer instructions |
| | 1.6 | Quality checks are carried out in accordance with workplace procedures and instructions |
| | 1.7 | Unplanned events are referred to supervisor for directions |
| 2 | Install operating system and application software | |
| | 2.1 | WHS/OHS risk control measures and workplace procedures for carrying out the work are followed |
| | 2.2 | Hardware requirements are determined for operating system to be installed in accordance with workplace procedures and application instructions |
| | 2.3 | Computer start-up instructions for installation of the operating system, drivers and network interfaces to default configuration are followed in accordance with workplace procedures and application instructions |
| | 2.4 | Application software is installed to default configuration in accordance with application instructions |
| | 2.5 | Authentication, data security, integrity, antivirus and logins are implemented on computing device |
| | 2.6 | Computer shutdown procedures are followed |
| | 2.7 | Quality checks are carried out in accordance with workplace procedures and application instructions |
| | 2.8 | Workplace procedures for referring non-routine events to immediate supervisor for directions are followed in accordance with workplace procedures |
| 3 | Test computer operation | |
| | 3.1 | WHS/OHS risk control measures and workplace procedures for carrying out the work are followed in accordance with workplace procedures and instructions |

- 3.2 Computer start-up procedures are followed and checked in accordance with application instructions
 - 3.3 Computer network operating system and application programs are tested and operated correctly in accordance with application instructions and workplace procedures
 - 3.4 Faults are identified of hardware and/or software in accordance with workplace procedures
 - 3.5 Need to test and measure live work is determined in accordance with WHS/OHS requirements and workplace procedures
 - 3.6 Faults are rectified in accordance with workplace procedures and application instructions
 - 3.7 Workplace procedures for referring non-routine events to immediate supervisor for directions are followed in accordance with workplace procedures
 - 3.8 Computer shutdown procedures are followed in accordance with workplace procedures and application instructions
 - 3.9 Work is carried out efficiently without waste of materials or damage to apparatus, circuits, the surrounding environment or services using sustainable energy principles
- 4 Complete work and report**
- 4.1 WHS/OHS risk control work completion measures and workplace procedures are followed
 - 4.2 Work area is cleaned and made safe in accordance with workplace procedures
 - 4.3 Work supervisor is notified of the completion of work in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEENEED102A Assemble, set-up and test computing devices.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>