



Australian Government

Assessment Requirements for UEECS0031 Set up, create and implement content for a web server

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.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and include:

- analysing approaches to issues/problems
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - using risk control measures
- applying syntax functions and features of mark-up language scripts
- consulting and planning with others to meet scheduled timelines
- creating and rendering web pages
- determining development server performance specifications
- developing and testing workplace procedures to evaluate client-side programming
- developing web services
- identifying problem/s in client-side programming and web services functionality
- implementing strategies to ensure work is carried out
- installing and configure web server software
- monitoring quality of work
- providing web functionality and management of browser windows, security, web application deployment and administration consoles
- providing web functionality and management of relation databases
- rectifying problem/s
- selecting development tools and testing devices and software
- writing intermediate and final work reports.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- problem-solving techniques
- relevant comparison of application servers and platforms

- relevant development tools, testing devices and software
- relevant hypertext transfer protocol (HTTP) servers
- relevant industry standards
- relevant manufacturer specifications and installation instructions
- relevant parameters of different programming languages
- relevant job safety assessments or risk mitigation processes
- relevant server scripting technologies and language
- relevant server software
- relevant testing and validation
- relevant web application technologies
- relevant web services overview
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace quality, instructions, policies and procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, facilities and equipment currently used in industry
- resources that reflect current industry practices in relation to setting up and creating content in a web server
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet - -

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