



Australian Government

Assessment Requirements for ICTNPL412 Apply business acumen to network planning

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 7.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- analyse financial, demographic, technological and usage trends and document for at least two networks.

In the course of the above, the candidate must:

- analyse forecasts using customer demand
- build models to develop business cases
- apply financial analysis
- analyse demographic trends for strategy development
- assess technology implementation
- communicate with customers
- evaluate network deployment architecture.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods of organising network information and usage data
- methods to determine trends in customer network demands, operating environments and markets
- emerging telecommunications and networking technologies
- principles and techniques of:
 - network planning strategies
 - analysing financial, demographic and technological trends in networks
 - constructing network models
 - financial modelling

- forecasting trends
- legislative rights of required telecommunications network carriers and service providers
- commercial considerations of implementing network plans, including:
 - capital expenditure (CAPEX)
 - operational expenditure (OPEX)
 - product revenue and demand versus network costs
 - return on investment (RoI)
 - time to market
- principles and techniques of financial investment tools, including:
 - cost-benefit analysis
 - investment management systems
 - net present value (NPV)
- legislation, codes, regulations and standards, work health and safety (WHS) requirements and organisational requirements for scoped work, including:
 - Australian competition and consumer affairs
 - telecommunications industry regulatory accounting
 - universal services obligations.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- network planning data
- relevant databases
- business and financial models
- systems and deployment rules and relevant legislation
- planning processes and regulatory frameworks.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>