

SFJPA1.4

Design and develop information systems



Overview

Design, develop and test information systems to meet organisational and users' needs.

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Performance criteria

You must be able to:

- P1 identify the information that will be managed within the system
- P2 identify the resources required and available to deliver and implement the system
- P3 design a system specification that meets identified needs and budgetary controls
- P4 develop an information system that meets the specification
- P5 test the information system against the agreed specification

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Knowledge and understanding

You need to know and understand:

- K1 the purpose and benefits of managing information to meet specifications
- K2 the types of information that need to be managed in a business
- K3 the types of information systems available and their main features
- K4 the purpose and benefits of identifying and agreeing user needs for an information system and developing specifications based on these
- K5 how to develop specifications for information management, including resources and budgets
- K6 how to create and develop an information system based on identified user needs
- K7 the purpose and benefits of testing information systems
- K8 how to test an information system

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Additional Information

Skills

Analysing
Evaluating
Managing resources
Negotiating
Organising
Planning
Problem-solving
Researching
Using technology

External Links

Manage Information
IT
Health, Safety and Security of People, Premises and Property

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Relevant occupations	Public Services; Public Service Professionals; Government and Related Organisations
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Suite	NOS for Operational Delivery Processing roles
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