

S315: Support the design and development of information systems

Overview: Contribute to the design and support the development of information systems to meet users' needs.

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

Specific skills:

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

Performance Indicators

1. Identify the information that will be managed within the system
2. Identify the resources required and available to deliver and implement the system
3. Contribute to the design of a system specification that meets identified needs and budgetary controls
4. Support the development of an information system that meets the specification
5. Support testing of the information system against the agreed specification
6. Resolve faults, within the limits of own authority

Knowledge & Understanding

- A. The purpose and benefits of managing information to meet specifications
- B. The types of information that need to be managed in a business
- C. The types of information systems available and their main features
- D. The purpose and benefits of identifying and agreeing user needs for an information system and developing specifications based on these
- E. How to develop specifications for information management, including resources and budgets
- F. How to create and develop an information system based on identified user needs
- G. The purpose and benefits of testing information systems
- H. How to test an information system
- I. How to resolve faults, within the limits of own authority