

Strategic Management Information Systems

Awarding organisation: ATHE

Unit aims

Unit level: 5

Unit code: F/617/1151

GLH: 48

Credit value: 12

Unit grading structure: Pass

Assessment guidance: To achieve this unit, learners must achieve the learning outcomes and meet the standards specified by the assessment criteria for the unit. Additional assessment guidance is provided on the ATHE sample assignment brief.

Learners will develop an understanding of the importance of integrating organisational strategy with information systems and the tools and techniques that can be used to analyse strategy. They will analyse business processes and recommend improvements.

Learning outcomes

The learner will:

Assessment criteria

The learner can:

Pass

1. Understand links between information systems and organisational strategy

1.1 Explain the links between information systems and organisational strategy

1.2 Evaluate tools that can be used to analyse organisational strategy

1.3 Evaluate frameworks for integrating information systems with organisational strategy

1.4 Analyse the benefits to organisations of integrating

Indicative content

- Information Systems explained: data versus information, information needs, system functionality
- Organisational strategy: structure, capabilities, corporate culture, performance criteria, operations
- Integrating IS: strategy support, data processing, decision support, communication support, resource management
- The role of IS in organisations: market awareness, organisational responsiveness, supply chain management

2. Be able to analyse the links between strategy and information systems within an organisation

2.1 Evaluate an organisation's strategy using strategic management tools and techniques

2.2 Assess the extent to which information systems are integrated with a chosen organisation's strategy

Indicative content

- Strategic management tools and techniques – Porter's forces, BCG matrix, SWOT analysis, Marketing mix, Ansoff matrix, PESTLE analysis, Maslow's hierarchy, 7S method IS integration – understanding legacy systems, vertical integration, horizontal integration, star integration

BUSINESS AND MANAGEMENT

short courses



Learning outcomes

The learner will:

Assessment criteria

The learner can:

Pass

3. Be able to formulate an information systems strategy for an organisation

3.1 Recommend information systems options based on analysis of an organisation's strategy

3.2 Formulate an information systems strategy for an organisation in line with the organisation's strategy

Indicative content

- IS organisational needs – planning organisational level analysis, job analysis, task analysis, needs analysis
- IS strategy – scope, planning, identifying IT needs, decision making, implementing the strategy

4. Understand the implementation process of an information systems strategy


4.1 Plan the implementation of an information systems strategy, considering benefits, costs, risks and priorities

4.2 Evaluate the risks associated with the planned implementation of an information systems strategy

Indicative content

- IT strategy implementation – stakeholder analysis, mapping current situation, justifying decisions, scheduling the implementation, developing an IT policy
- IT risks – financial, technical, information related, user related, corporate culture

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