

INFORMATION SYSTEMS MANAGEMENT

Theme: Information Technology

Assessment Weighting: 40% Coursework

60% Examination

INTRODUCTION

This module is designed to broaden student knowledge of information systems with a particular emphasis on their future use of systems in finance, accounting and business management. The module is building on the skills and knowledge that have been acquired in the Stage I module *Information and Communications Technology*. It also includes topics that are linked in other modules of the course so that this module should not be taken in isolation but treated as part of an education to prepare for work in accounting, finance and managerial fields.

AIMS

The aims of this module are to:

- Progress students' IT skills to a level where they are confident in their ability to use applications
- Enable students to identify with project teams and the various roles of team participants
- Engender an appreciation of the importance of information systems in the day to day work in accounting and finance
- Encourage students to link information systems to other material in the course as opposed to treating it as a separate subject.

LEARNING OUTCOMES

On successful completion of this module, students should be able to:

- Identify select and apply appropriate features of Excel (and other applications) in order to solve business problems at operational or strategic level
- Display a critical awareness of best practice in relation to information systems development projects
- Demonstrate an appreciation of information systems used at different levels, and systems that span different business areas
- Demonstrate a critical awareness of the strategic significance of information systems and of best practice in information systems service management
- Demonstrate a deep understanding of the impact of centralised information systems on a variety of business divisions
- Conduct appropriate research into the use of information systems and explicitly reference the sources of information.

SYLLABUS

IS Applications

- Excel for Accounting (e.g. Formulae, Charts, Pivot Tables, Formatting)
- Access (e.g. Table/Form/Query/Report/Export to Excel)
- MS Project (Plans for a small project)

IS Project Management

- Planning: Gantt Charts & Critical Path
- Management: Time, Cost, Stakeholders, Managing Change
- Methodologies: (e.g. PRINCE(2) & Silver Bullet)

IS Development

- Packaged Software
- End User Computing
- Systems Development Lifecycle (SDLC)

IS Hierarchy

- Data and information
- Hierarchy of Information Systems
- Database Systems (e.g. ERP, Data Warehouse)

IS Service Management

- Procurement
- Outsourcing
- Service Level Agreements
- Business Continuity Plans & Risk Analysis

IS Strategy

- Business Strategic Frameworks
- IS Frameworks
- IT Infrastructure & Planning