

MODULE: **INFORMATION SYSTEMS MANAGEMENT**

CODE: **BAAF-3-2-10**

Stage: **III**

Credit Points: 4 semester credits / 6 quarter units

Overview and Aims

The aims of this module are:

- To develop students understanding of the importance of quality information in the
- decision making process within organisations.
- To enhance students knowledge of the process of developing information strategies.
- To develop students ability to identify the need for project monitoring and control and
- to apply structured methodologies to systems development.
- To provide students with the tools to identify with project teams and the various roles
- of team participants.
- To provide students with an opportunity to become competent in the various
- communication technologies available.

On completion of this module, students will be able to:

- Explain how to use information systems effectively.
- Explain the principal areas of systems development, design and delivery.
- Participate in specification and delivery of systems to end-users.
- Compare and contrast available software solutions and projects in a particular market
- and industry.

- Critically evaluate how a range of solutions may be selected to enhance computerised projects and delivery of quality information to management.

Module Content

Information and Organisations:

Introduction to Information Systems

Organising Information Systems

Delivering Information Systems

Project Initiation, Planning and Monitoring

Systems Design

Identifying Requirements

Investigating Existing Systems

Documenting Program and User Requirements

Documenting Systems and Procedures

System Development and Selection

Defining need for In-House vs. Outsourced development

Identifying User Requirements

Selection of Software Packaged Solutions

Methods and Metrics for Software Selection

Technical Support Issues

Data Warehousing

Change and the Value Chain

Information System Evaluation and Review

Quality Assurance of Development Process and Final Product

Review of Expected Output

Performance Measurement

Legal Issues

Acceptance Testing

Change Management Review

Security and Back-up Systems

Control Levels

Hot Sites

Escrow Procedures

Supplier Role in Security Issues

Program Monitored Security