



## **DBLN CPSI 2292**

This course is being offered at Griffith College, CAPA's academic partner in Dublin. The Irish academic system differs from the US, particularly with grading. Griffith College professors expect students to undertake a good deal of independent study to achieve a high mark in their classes. For additional information about this class, please contact the Boston Program Advising Team at 1-800-793-0334.

### **Business Information Systems**

Continuous Assessment: 30%

Exam: 70%

### **Intended Module Learning Outcomes**

On successful completion of this module learners will be able to:

1. work in a small group to produce a defined deliverable
2. explain the hardware and software components of an information system
3. discuss the need for information systems to incorporate consideration of people processes and procedures
4. explain the reasons organisations may initiate information systems developments
5. discuss the various means to finance development of information systems within organisations
6. describe how information systems projects may be monitored for performance against resource usage

### **Module Objectives**

This module focuses on the needs of industry for software engineers with skills and abilities to communicate within and outside of a peer group.

In this module learners are introduced to the concept of a computerised information system requiring recognition of people, processes and procedures as well as hardware and software.

The module provokes appreciation of the need to manage people and financial resources within an information systems project and also the information technology funding within the organisation.

## **Module Curriculum**

### **Communication Skills**

- Diagrammatic Techniques
- Pseudocode,
- flowcharting
- algorithm design

### **Open Source and free software**

- Open Office
- Linux
- MySQL

### **Business Continuity**

- Backups

### **Acceptable Usage Policies**

- Cloud Computing
- Virtualisation

### **Information Systems in Business**

- Transaction Processing Systems
- Management Information Systems
- Decision Support Systems

### **Ethical Issues in Computing**

- Privacy
- IP
- Malware/hacking
- Data Protection
- FOI
- Data Theft

### **Project Management**

- Time Management