Module Details for ST3005 INFORMATION SYSTEMS

**Current Record**

Module Details

**Module Code**  ST3005

**Module Name**  ST3005 INFORMATION SYSTEMS

**ECTS weighting**  5

**Semester/term taught**  Semester 2

**Contact Hours**  Lectures - 3 hours per week

**Module Personnel**  Lecturer – Dr Maria Moloney

**Learning Outcomes**  When students have successfully completed this module they should be able to:

- Understand and describe how organisations survive in today’s business environment through the use of Information Systems.
- Evaluate emerging information systems in business and in society.
- Understand the need for computerised support of managerial decision making.
- Describe the use of information systems for business intelligence (BI) and decision support within business.
- Identify the ethical, social, and political issues that are raised by information systems.
Understand information systems security and data protection and be able to assess the business value of these.

**Module Learning Aims**
The objective of this course is to introduce students to information systems in business and examines how existing management information systems as well as emerging, disruptive information systems can support improved organisational performance. Additionally, discussion in class will focus on the increasing need for industry and society to develop information security and data protection skills and awareness regarding the design of these systems in order to ensure business continuity. Discussions will also include how we are seeing Information Systems permeating multiple industries today. Aspects of ethical use of IT are also covered.

**Module Content**
Specific topics addressed in this module include:

- Introduction to the Information Systems perspective on technology.
- Digital Markets/Digital Goods/Digital Commerce
- Digital Business Models
- Review of Emerging Technology
- Mobile Cloud Computing
- Introduction to Information Systems Security and Data Protection
- Information Technology and Ethics

**Recommended Reading List**

1. Lecture slides
3. Additional reading to follow

**Module Pre-Requisite**
None

**Module Co**
Assessment Details

Assessment is by written examination (contributing 60% to the overall mark) and continuous assessment (contributing 40% to the overall mark). To pass the module, students must achieve a mark of 40% in both the written examination and the continuous assessment component.

Module Website

https://tcd.blackboard.com

Module approval date

Approved By

Academic Start Year

Academic 2016/17 Year of Data