

MODULE DESCRIPTOR

MODULE TITLE	Innovation in the Digital Enterprise (FT)		
Module Code	44-7951-00S		
Level	7		
Credit Points	15		
Indicative Assessment Tasks & Percentage Weightings	100% Coursework		
Pre-Requisite Modules (if applicable)	None		
Delivered according to Standard Academic Calendar	Long: 2 semesters	Short: 1 semester	Other delivery pattern:
YES	NO	YES	

1 MODULE AIMS

Knowledge and information are becoming the foundation for many new industries, services and products. Information and the technologies that deliver it have become critical strategic assets for businesses and their leaders. Organisations need to re-engineer their business processes and business models in order to remain competitive within challenging global market conditions.

This module prepares managers for their role in leading and enabling change in contemporary organisations through the use of strategic information systems and modern digital technologies. The module is highly integrative, underpinned by systemic methods and teleological principles in guiding methods and approaches to help deal with the problematic and messy realities in which the Information Systems practitioner works. It integrates theory and practice so as to focus on the challenges which the Information Systems practitioner faces of achieving successful organisational change in highly complex and political organisational contexts. This module aims to give a rich, analytical and methodological focus to the activities of the Information Systems practitioner. The objective is to provide a methodological foundation to enable you to diagnose and problem-solve in organisations where strategic information systems are considered a key driver of organisational change.

The focus of the module will be on the management mindsets of the change manager and the analytical thinker.

2 MODULE LEARNING OUTCOMES

BY THE END OF THE MODULE YOU WILL BE ABLE TO;

1. apply the systems approach to problem solving in Information Systems contexts within organisations and evaluate the results;
2. explain the nature of inquiry for undertaking Information Systems change and thus undertake diagnostics of the context of organisational information systems problems;
3. evaluate the nature and role of strategic information systems within contemporary organisations;
4. define current and future intra and inter-organisational processes in which information systems and emerging digital technologies will play a role;
5. model the integration between organisational processes;
6. apply information systems and metrics into control and monitoring processes;
7. debate the interpretations of 'knowledge' as an organisational resource and the process of knowledge management.

3 INDICATIVE LEARNING, TEACHING AND ASSESSMENT ACTIVITIES

There will be a mixture of lectures and discussion forums during the sessions. You will lead a debate on issues relating to the achievement of the module learning outcomes. This will require evidencing an appreciation of relevant literature, the critique of the application of constructs and principles contained therein, and a significant level of critical self reflection.

There will be a process oriented approach to the learning in this module. You will work in small groups, relating theory and concepts to the design of intervention and change. A case study will be used but throughout, the relationship between the case study and other learning activities will be encouraged, e.g. (i) learning from critically analyzing other situations in organisations, from personal experience and case studies, (ii) learning from the students' own reflexive thinking about their own capability to operationalise the ideas, and (iii) learning from other members of the student body.

Formative feedback will be provided in class sessions in relation to case study work and written summative feedback will use assessment matrices for both individual and group written work.

The research focus will be on the student as a user of the research literature.

4 INDICATIVE MODULE CONTENTS / TOPICS

- The nature and role of strategic information systems and emerging digital technologies, and their impact on industry and organisational structures, intra and inter organisational processes;
- Contentious issues in the domain of Information Systems;

- Systems theory & the nature of inquiry in underpinning the activity of organisational problem-solving;
- Monitoring and control of organisational processes;
- The problem-solving process of diagnosis, modelling processes, monitoring of organisational processes, strategic prognosis, intervention and evaluation of change, as it relates to the actions of the Information Systems practitioner;
- The nature of knowledge and the management of knowledge.

FURTHER INFORMATION ABOUT THIS MODULE

- **FURTHER / ADDITIONAL INFORMATION IS AVAILABLE TO SUPPORT THIS MODULE, INCLUDING ASSESSMENT CRITERIA DETAILING HOW YOUR PERFORMANCE IN THE MODULE WILL BE MEASURED, HOW YOU WILL RECEIVE FEEDBACK, DETAILS OF LEARNING RESOURCES AND KEY READINGS.**
- **THIS INFORMATION CAN BE FOUND IN**
 - the module handbook
 - the module blackboard site
- **NOTE THAT THIS ADDITIONAL INFORMATION MAY BE SUBJECT TO CHANGE FROM YEAR TO YEAR**

