

Module Specification

Module Summary Information

1	Module Title	Strategic Information Systems Planning
2	Module Credits	20
3	Module Level	7
4	Module Code	CMP7212

5	Module Overview
<p>Information systems (IS) are a key resource in organizations providing the ability to capture, access and leverage information to improve decision-making and gain competitive advantage. The planning, development and maintenance of IS therefore needs to be aligned with the strategic direction of the organization. This module explores the role of strategic information systems planning within the context of rapid technological changes and digital transformation. You will learn how to select appropriate tools for analysing the information needs of an organization. You will develop the knowledge and practical skills needed to formulate and implement effective IS strategies that inform and align with the strategic direction of organizations in different industries. You will also gain experience of effectively communicating and engaging with stakeholders in order to develop practical IS plans.</p> <p>Alignment with Programme Philosophy and Aims</p> <p>A problem-based learning strategy is adopted to encourage you to be responsible your learning and to reflect on your experience during your academic studies. You are expected to apply the skills gained in the module and the wider programme as an individual and within a team. You will practice applying modelling techniques using examples from case studies to solve real world challenges, which will further develop your knowledge, analytical and communication skills.</p> <p>Learning and Teaching Strategy</p> <p>This module aims to encourage self-directed, individual and life-long learning through the adoption of problem-based learning strategy to enhance your problem solving skills. The module begins by providing a strategic perspective on the role of IS and technology in an organization. During the weekly sessions, the core theoretical concepts to support your learning and guide you to solve the given challenge effectively will be explored. The module requires you to work in teams to address the challenges presented in case studies, simulating real-world scenarios. You will gain practical experience of applying, analysing and critiquing a range of modelling techniques to formulate IS strategies. You will also explore the challenges of developing robust IS plans to support the effective implementation of IS strategies, which take in account the needs of different stakeholders.</p>	

6	Indicative Content
<p>The module includes the following indicative content:</p> <ul style="list-style-type: none"> • Role of information systems and information technology in organizations. • Digital transformation in organizations. • Approaches to information systems planning. • Strategic analysis tools. • Implementing information systems strategies. • Communicating information systems strategies. 	

7		Module Learning Outcomes
		On successful completion of the module, students will be able to:
	1	Critically assess the suitability of information systems planning tools and techniques for an organization.
	2	Formulate an information systems strategy to address the information needs of an organization.
	3	Critically evaluate the information systems strategy formulated.
	4	Communicate the IS strategy professionally, engaging with stakeholders throughout the process of formulating the strategy.

8		Module Assessment		
Learning Outcome				
		Coursework	Exam	In-Person
1-3		X		
4				X

9		Breakdown Learning and Teaching Activities	
Learning Activities		Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable		48	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE		104	
Private Study (PS) includes preparation for exams		48	
Total Study Hours:		200	