DEREE COLLEGE SYLLABUS FOR: CS 4858 CAPSTONE PROJECT IN MANAGEMENT INFORMATION SYSTEMS	
(New course, Spring 2021) [OBJ]	**UK LEVEL: 6** **UK CREDITS: 15** **US CREDITS: 3/0/3**

PREREQUISITES:	CS 1070 Introduction to Information Systems CS 2179 Business Information Systems CS 3245 Data Management for Business CS 4384 Analysis and Design for Information Systems CS 4562 Information Systems Strategy MG 4057 Project Management MA 2021 Applied Statistics BU 3233 Business Research Methods
CATALOG DESCRIPTION:	A culminating experience for MIS majors involving a substantive project that demonstrates a synthesis of learning accumulated in the program, including comprehensive knowledge of the discipline and its methodologies and practices.
RATIONALE:	This is the capstone project of the Management Information Systems programme, which offers students the opportunity to integrate the business, technology, and management concepts from various courses in the B.Sc. (Honours) in Management Information Systems program. Students apply analytical thinking to solving real-world business technology issues, develop business strategies, design IT-enabled business solutions, and propose IT projects. At the same time, they enhance their research methods as well as their originality in thinking through an analysis of a problem and a well-argued position in support of its resolution. Students are expected to engage in an independent research activity, which is indispensable to future information systems professionals as well as those who wish to continue with postgraduate studies.
LEARNING OUTCOMES:	As a result of taking this module, the student should be able to: 1. Evaluate the arguments concerning contemporary issues in aligning business needs with information technologies. 2. Analyse problems related to the integration of business with technology in a sector context. 3. Synthesize different theoretical frameworks on management information systems. 4. Combine business and technology into an integrative solution or recommendation.
METHOD OF TEACHING AND LEARNING:	In congruence with the teaching and learning strategy of the college, the following tools are used: ➢ Students are assigned an individual supervisor in order to do independent research. ➢ Students are expected to manage their time and resources and arrange to meet with their supervisor five (5) times during the term. ➢ Office hours: Students are encouraged to make full use of the office hours of their supervisor, where they can discuss their thesis material.

	➤ Use of Blackboard Learning platform, where supervisors can post research paper instructions, timely announcements, and additional resources. ➤ Use of library facilities: Students are encouraged to make use of the library facilities for their research project.		

ASSESSMENT:	**Summative**:		
	First Assessment - Presentation	**10%**	Individual presentation of the Research Project
	Final Assessment - Research Project	**90%**	Project management milestones and checklist. Literature review, methodology, interpretation, critical evaluation of positions. Topic to be chosen by students in consultation with the academic staff (4,500-5,000 words)

Formative:

Essay-type assignments	**0%**

The formative assessment(s) aims to prepare students for the summative ones.

The First Assessment tests Learning Outcome 4.
The Final Assessment tests all Learning Outcomes.

The final grade for this module will be determined by averaging all summative assessment grades, based on the predetermined weights for each assessment. If students pass the comprehensive assessment that tests all Learning Outcomes for this module and the average grade for the module is 40 or higher, students are not required to resit any failed assessments.

(Guidelines and assessment rubrics are distributed on the first day of classes along with the course outline).

INDICATIVE READING:	Given the independent nature of this module which involves the writing of a research project, no prescribed readings can be given. The reading list is determined by the chosen topic of each student.

• Secondary literature relevant to the research topic chosen.

• Lynda M. Applegate, Robert D. Austin, Deborah L. Soule. Corporate Information Strategy and Management, Text and Cases, McGraw Hill, Eighth edition, 2009, ISBN: 9780071263191.

• Turabian, Kate L. 1996. A Manual for Writers of Term Paper, Theses, and Dissertations, 6th edition (Chicago Guides to Writing, Editing and Publishing). University of Chicago Press.

• MLA Handbook for Writers and Research Papers. 2009. New York: Modern Language Association of America. |

INDICATIVE MATERIAL: (e.g. audiovisual, digital material, etc.)	**REQUIRED MATERIAL**: N/A **RECOMMENDED MATERIAL**: N/A
COMMUNICATION REQUIREMENTS:	Use of appropriate academic conventions as applicable in oral and written communications.
SOFTWARE REQUIREMENTS:	MS-Office 365 applications
WWW RESOURCES:	https://www.microsoft.com/en-us/education/training-and-events/education-competencies/strategic_agility_and_innovation_management.aspx www.opengroup.org/architecture/togaf8-doc/arch/ www.cioinsight.com www.cio.com Iwww.infoworld.com www.itbusinessedge.com www.strategy-business.com www.digitalenterprise.org
INDICATIVE CONTENT:	As this module is centred on independent learning, the content covered during the project work will depend on the topic chosen by the student.