

DEREE COLLEGE SYLLABUS FOR: CS 2179 BUSINESS INFORMATION SYSTEMS

(Updated Fall 2021)

**UK LEVEL: 4
UK CREDITS: 15
US CREDITS: 3/1/3**

PREREQUISITES:

CS 1070 Introduction to Information Systems
or
ITC 1070 Information Technology Fundamentals

CATALOG DESCRIPTION:

Business information systems concepts, categories and trends. The strategic impact of information systems and technologies on business functions and decision-making process. Ethical and security issues. Global information systems concepts.

RATIONALE:

The purpose of this course is to provide knowledge on the integration of information systems and technology into enterprise business activities. The course explains how individuals, workgroups, and organizations make use of information and communications technologies as a foundation for competitive advantage and business success.

LEARNING OUTCOMES:

- As a result of taking this course, the student should be able to:
1. Demonstrate understanding of business information systems and of the MIS function.
 2. Describe the role of IS and IT in decision making and business operations.
 3. Apply data analysis methods and related information technologies to solve business problems.

METHOD OF TEACHING AND LEARNING:

- In congruence with the teaching and learning strategy of the college, the following tools are used:
- Lectures, class discussions, and review of cases taken from the real world and applicable to specific theoretical concepts. Laboratory practical sessions involving training and practice on data analysis tools.
 - Office hours held by the instructor to provide further assistance to students.
 - Use of the Blackboard Learning platform (communication, posting of lecture notes / assignments' instructions / timely announcements, online submission of assignments, etc.).

ASSESSMENT:

Summative:

First Assessment - Coursework	40%	Implementation of data analysis in business cases
Final Assessment - Written Examination	60%	Answers to questions with choice

Formative:

Online assignments through Blackboard	0%
Case study discussions	0%
Computer lab assignments	0%

The formative assessments aim to prepare students for the summative ones.

The First Assessment tests Learning Outcome 3.
The Final Assessment tests Learning Outcomes 1 and 2.

Students are required to resit failed assessments in this module.

(Guidelines and assessment rubrics are distributed on the first day of classes)

	along with the course outline)
INDICATIVE READING:	<p>REQUIRED READING:</p> <p>Baltzan P., (2020) Information Systems, McGraw-Hill, 5th edition, (e-book).</p> <p>RECOMMENDED READING:</p> <p>Laudon K., Laudon J. (2017) Management Information Systems: Managing the Digital Firm. Essex, Pearson.</p> <p>R. Kelly Rainer, Brad Prince, Hugh J. Watson (2019) Management Information Systems: Moving Business Forward, Wiley.</p> <p>ALLON, P. (2010). Understanding the Dynamics of Information Management Costs. Communications of the ACM, 53(5), 121-125.</p>
INDICATIVE MATERIAL:	<p>REQUIRED MATERIAL: N/A</p> <p>RECOMMENDED MATERIAL: N/A</p>
COMMUNICATION REQUIREMENTS:	Use of appropriate academic conventions as applicable in oral and written communications.
SOFTWARE REQUIREMENTS:	<p>MS-Office 365 applications</p> <p>A web-based enterprise software to support transaction processing</p>
WWW RESOURCES:	<p>www.sap.com</p> <p>www.oracle.com</p> <p>www.netsuite.com</p> <p>www.computerworld.com</p> <p>www.microsoft.com</p> <p>www.truste.com</p> <p>http://www.informationweek.com/</p> <p>www.cio.com</p> <p>https://www.itbusinessedge.com/</p> <p>https://www.cnet.com/</p>
INDICATIVE CONTENT:	<ol style="list-style-type: none"> 1. Business Driven Technologies 2. Enterprise Systems 3. Business Intelligence 4. Information Systems and Business Operations 5. Information Systems and Innovation 6. Business Processes 7. Information Ethics 8. Information Systems Function.