

Course unit title:	Business Information Systems								
Course unit code:	CSC 312								
Type of course unit (compulsory, optional):	Optional								
Level of course unit:	Bachelor (1st Cycle)								
Year of study:	3								
Semester when the course unit is delivered:	1 or 2								
Number of ECTS credits allocated:	6								
Name of lecturer(s):	Dr Andriani Piki								
Learning outcomes of the course unit:	<ul style="list-style-type: none"> • Identify the factors that need to be assessed when integrating computers into a business organisation • Appreciate the application of computer-based systems as a management tool • Understand and analyse the changing effects on business resulting from the revolution in Information Technology (IT) • Appreciate the impact of IT on business organisations by considering the social, economic and political issues and resulting from the growth of computer technology • Analyse different types of Information Systems (e.g. MIS, TPS, DDS, ES, EIS, SIS, OAS, IRS) and familiarise with their diagrammatical representations • Critically compare and assess different methods of file organisation and methods for preparing, verifying and validating data input • Design, develop, test and document a business-oriented application package • Relate the developments on computer systems (micro, mini, mainframe) to the needs of business organisations 								
Mode of delivery:	Face-to-face								
Prerequisites and co-requisites:									
Recommended optional programme components:									
Course contents:	The course enables students to further extend their basic understanding acquired in the Core Modules Quantitative Methods for Management and Information Systems Management, regarding the potential of Information Technology as an aid to improve business procedures. The course aims to develop the students' ability to communicate and work effectively with computing personnel in the selection and use of appropriate hardware, software tools and systems development methods for a variety of business applications. Indicative contents include file organization, methods of information processing, security and accuracy controls, business-oriented application packages and the impact of IT on business organisations.								
Recommended or required reading:	Required reading: O'Brien, J.A. and Marakas, G.M. (2013). Introduction To Information Systems. 16 th Edition. McGraw Hill.								
Planned learning activities and teaching methods:	Lectures, lab exercises, homework.								
Assessment methods and criteria:	<table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">Class Participation:</td> <td>5%</td> </tr> <tr> <td>Assignment:</td> <td>10%</td> </tr> <tr> <td>Mid-Term Test:</td> <td>15%</td> </tr> <tr> <td>Final Examination:</td> <td>70%</td> </tr> </table>	Class Participation:	5%	Assignment:	10%	Mid-Term Test:	15%	Final Examination:	70%
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Language of instruction:	English								
Work placements:	None								