

Course Title	Business Information Technology				
Course Code	MIS 128				
Course Type	Compulsory				
Level	Undergraduate				
Year / Semester	Year 1/ Semester 2				
Teacher's Name	George Dekoulis				
ECTS	6	Lectures / week	3	Laboratories / week	
Course Purpose and Objectives	<p>This course introduces students to the key aspects of information technology and information systems from the business, accounting, and finance perspectives. The course explains the role of information systems to businesses, and the prospects offered by IT development. It also covers basic topics related to information technology, its applications in the business environment, modern methods of development and administration of information systems. The students will then become advance users of the MS-Excel program for data management and analysis. The course also prepares students to be able to use statistical packages, such as Stata, that they may need to use in their final years of study.</p>				
Learning Outcomes	<p>Upon completing the course, students will be able to:</p> <ul style="list-style-type: none"> • evaluate and manage information resulting from information systems. • understand the modern methods of design and administration of business information systems. • use MS-excel for data management and analysis. • use statistical packages for research and practical purposes. 				
Prerequisites	NONE		Required	NONE	
Course Content	<ul style="list-style-type: none"> • Introduction to Information Systems (IT) • Components of Information Systems (IT) • Design Information Systems (IT) • Types of Information Systems • Information Systems in Business • Basic concepts of information technology • Microsoft WORD 				

	<ul style="list-style-type: none"> • Microsoft Excel • Introduction to E-views • Introduction to Stata
Teaching Methodology	<ul style="list-style-type: none"> • Lectures coupled with case study teaching and discussion • Assignment individual weekly exercises • Brief oral presentation before starting a new chapter and reply to queries from students • Homework for revision purposes
Bibliography	<p>O'Brien James (2006). Management Information Systems, McGraw Hill.</p> <p>Reding, E. E. (2013). Microsoft Excel 2013: Complete. Boston, MA, Cengage Learning.</p> <p>Baum, Christopher F., and F. Christopher (2006). An introduction to modern econometrics using Stata. Stata press.</p> <p>De Silva, A. (2003). An introduction to EViews. Clayton, Vic, Monash University.</p>
Assessment	<p>Midterm Exam: 25%</p> <ul style="list-style-type: none"> • Exam on theory and applications using PC. <p>Exercises and Assignments: 20%</p> <ul style="list-style-type: none"> • exercises, on applications on the corresponding lecture. <p>Final Exam: 60%</p> <ul style="list-style-type: none"> • Exam on theory and applications using PC.
Language	English