

Course Title	ADVANCED INFORMATION SYSTEMS				
Course Code	CST-422				
Course Type	Compulsory				
Level	Undergraduate				
Year / Semester	4 / Eight				
Teacher's Name					
ECTS	5	Lectures / week	3	Laboratories / week	
Course Purpose and Objectives	To enable students to explore several advanced issues in the development and use of computer based systems within an organisational structure; to provide a structured context for the discussion of those issues.				
Learning Outcomes	<p>On the completion of the course, students should be able to:</p> <ul style="list-style-type: none"> ▪ explore several advanced issues related to the development and use of computer based systems within an organisational structure; ▪ understand the relationship between system analysis and system design through the use of cases; ▪ demonstrate familiarity in the use of concepts of the traditional system development life cycle, problems with system development, bottom-up implementation, freezing the specifications, high maintenance costs, failure to meet user needs; ▪ prove mastery of skills in developing solutions using software packages and fourth generation development. 				