

Course Title	SYSTEM ANALYSIS & DESIGN II
Course Code	CSC 225
Course Purpose and Objectives	The purpose of this course is to further develop the concepts of systems, systems planning and systems analysis and to provide the necessary advanced skills required to analyze or design a computerized system. In addition, students will be introduced to the concept of object-oriented systems analysis and design.
Learning Outcomes	<ol style="list-style-type: none"> 1. Describe the concept of Information Systems and analyze the differences between. 2. Discuss Information Systems and other types of software systems. 3. Describe the basic stages of the systems' lifecycle development process and discuss their interrelationship. 4. Describe various systems' development methodologies and evaluate their relative merits. 5. Describe the operation of modelling tools in systems' development methodologies and apply them in realistic development cases.
Course Content	<ul style="list-style-type: none"> • Designing Output • Designing Input • Designing Databases • Designing Accurate Data Entry Procedures • Project Management • Quality assurance • Successfully implementing the information system • Object-oriented systems analysis and design using UML