Course Name	PROJECT PHASE 1		Course Code	COMP 582		
Credit Hours	2		Contact Hours	Lec	Lab	Total
				2	-	2

Offered as	☐ University Requirement ☒ College Requirement ☐ Program Requirement ☒ Core ☐ Elective
	☐ ITEC ☒ COMP ☐ CNET

Level	9	Prerequisite	COMP 472

Course Description:

The course is the first part of a sequence of two courses that constitute the BS (Computer Science) graduation capstone project in which students will develop a complete software system. Students will work in groups of two students, each group will have a supervisor to guide them through the system development process using a specific methodology. In this first part of the graduation project, each group must identify a problem domain, define the problem statement, identify and specify the requirements, document the current system, analyze it, propose alternative systems, and design a solution. Conduct a thorough investigation of a particular CS-related problem and for research-based projects. The design must include the definitions of all the required system models, such as the data model and the functional model. At the end of the course, each group students have to give presentation till design phase and submit a formal report documenting the complete process till design phase.

Upon completion, the student will be able to:

♦ Re-traverse the knowledge gained during the entire B.S. (Computer Science) course that is useful for analyzing and understanding the software development process and its phases.
♦ Gain some deep understanding of modelling languages.
♦ Describe the project development architecture.
♦ Practically demonstrate the steps involved in the software project development.
♦ Build comprehensive understanding in database and programming languages.
♦ To give them ability to develop solutions for real life problems.
♦ The purpose is to give the student a comprehensive understanding about studied subjects through a practical project.

Assessment Methods	Mid Term Exam	☒	20%			Pre Presentation	☒	40%
	Attendance	☐	-			Final Presentation	☒	40%

Text Book:
♦ There is no specific book