Course Name	**SOFTWARE PROJECT MANAGEMENT**	Course Code	**COMP 472**		

Credit Hours	3	**Contact Hours**	Lec	Lab	Total
			2	2	4

Offered as

☐ University Requirement ☐ College Requirement ☒ Program Requirement ☒ Core ☐ Elective

☐ ITEC ☒ COMP ☐ CNET

Level	8	Prerequisite	COMP 371

Course Description:

This course covers the key aspects of Software Project Management. It covers software project planning and evaluation techniques. The course also teaches how to plan and manage projects at each stage of the software development life cycle. Students will study project planning, activity planning and risk management. Students will also learn project management and control, staffing in software projects, managing people, organizational behavior, best methods of staff selection, The Oldham Hackman job characteristic model.

Upon completion, the student will be able to:

- ♦ Understand Project Management principles while developing software.
- ♦ Gain extensive knowledge about the basic project management concepts, framework and the process models.
- ♦ Obtain adequate knowledge about software process models and software effort estimation techniques.
- ♦ Estimate the risks involved in various project activities.
- ♦ .Apply different techniques in monitoring and control of project and people.
- ♦ Learn staff selection process and the issues related to people management

Assessment Methods	**Exam-1**	☒	10%	**Exam-2**	☒	10%	**Assignments**	☒	20%
	Attendance	☐	-	**Lab Exam**	☒	20%	**Final Exam**	☒	40%

Text Book:
- ♦ Bob Hughes, Mike Cotterell and Rajib Mall, "Software Project Management", 6th Edition, Tata McGraw Hill International Edition, ISBN 13: 9789387067189, 2017.
- ♦ Andrew Stellman & Jennifer Greene, "Applied Software Project Management", O'Reilly Media, 2005.

References:
- ♦ Robert K. Wysocki, "Effective Software Project Management", Wiley Publication, 2011.
- ♦ Walker Royce, "Software Project Management", Addison-Wesley, 1998.
- ♦ Gopalaswamy Ramesh, "Managing Global Software Projects", McGraw Hill Education, Fourteenth Reprint 2013.