Course Name	**IT PROJECT MANAGEMENT**	Course Code	**ITEC-323**		
Credit Hours	3	Contact Hours	Theory	Lab	Total
			2	2	4
Offered as	☐ University Requirement ☐ College Requirement ☒ Program Requirement Core Elective ☒☐ ☒ ITEC ☐ COMP ☐ CNET				
Level	6	Prerequisite	**ITEC322**		

C**ourse Description**:

This course will start by reviewing management and project management principles. It continues by studying the project management knowledge areas, the triple constraint, what is a Project?, difference between Program and project, project manager, skills of project manager, system life cycle: analysis (requirements determination), Project Scope management, project time management, project cost management, project quality management, designing, implementation; system and database integration issues; network management; project tracking techniques, metrics, and system performance evaluation; managing expectations of managers, clients, team members, and others; determining skill requirements and staffing; cost-effectiveness analysis; reporting and presentation techniques; management of behavioral and technical aspects of the project; change management. This also includes project risk management, project procurement management, project communications management, and project human resource management. This course teaches about software tools for project tracking and monitoring. Team collaboration techniques and tools. In addition, this course will introduce students to project-time scheduling methods. Students will be trained on some software tools such as: MS project, and MS Visio Software.

Course objectives: On completion of the course, the student will be able to:

- **Design** effective project development and implementation plan for information systems.
- **Apply** project management tools, techniques, and methodologies within the context of real-world IT projects.
- **Initiate**, **plan**, **execute**, and **evaluate** the phases of an IT project, including project closure and post-implementation review.
- **Determine** user requirements and system specifications for multi-user database-driven information systems.
- **Explain** the evolving leadership roles and strategic importance of IT project management in modern organizations.
- **Evaluate** the processes involved in the formulation of organizational policies, procedures, and standards related to information systems.

Grading	☒ Midterm	15%	☒ Assignment-1	10%	☒ Assignment-2	15%
			☒ Final Lab	20%	☒ Final	40%

Text Book:

Kathy Schwabe: Information Technology Project Management, Edition 6e 2011,, Publisher: Course Technology

ISBN-13: 978-0-538-48268-4

Reference Book:

John McManus, Trevor Wood-Harper “Information Systems Project Management: Methods, Tools and Techniques”, 2003, ISBN: 0273646990.