TISHK INTERNATIONAL UNIVERSITY
FACULTY OF APPLIED SCIENCE
Department of INFORMATION TECHNOLOGY,
2025-2026 Fall
Course Information for IT 415 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Course Name:	INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Code	Regular Semester	Theoretical	Practical	Credits	ECTS
IT 415	7	3	-	3	6

Name of Lecturer(s):	Dr. Hala Najwan
Teaching Assistant:	-
Course Language:	English
Course Type:	Main
Office Hours	Monday 14:00-16:00, also available after class.
Contact Email:	hala.najwan@tiu.edu.iq
Teacher's academic profile:	PhD in Management of Information Systems/ Universiti Sains Malaysia(USM) MSc in Information Technology Technopreneurship/ Universiti Sains Malaysia(USM) BSc in Computer Engineering and Information Technology/ University of Technology
Course Objectives:	This course aims to equip students with a foundational understanding of project management within an IT context. Students will learn to articulate the strategic role of projects, programs, and portfolios in achieving organizational goals, including analysis of core constraints. The course covers essential project management knowledge areas, process groups, and key project tools like project charter and work breakdown structure. Furthermore, students will apply these concepts by actively participating in a team project, practicing key project tools and professional communication to manage deliverables successfully.
Course Description (Course overview):	This course introduces the foundational principles of managing technology projects, focusing on their strategic role in organizational success. Students will explore industry-standard methodologies to understand the complete project lifecycle, from initial definition to final delivery. A core component involves the practical application of essential tools and techniques for managing a project's scope, schedule, and team. By initiating and planning a collaborative team project, students gain direct experience in applying these structured approaches.

COURSE CONTENT

Week	Hour	Date	Topic
1	3	05-09/10/2025	Course introduction
2	3	12-16/10/2025	Introduction to Project Management I
3	3	19-23/10/2025	Introduction to Project Management II, The Project Management Process Groups I
4	3	26-30/10/2025	Quiz1, Discuss project requirements for team projects, Begin forming teams
5	3	02-06/11/2025	The Project Management Process Groups II
6	3	09-13/11/2025	Project Integration Management I
7	3	16-20/11/2025	Midterm Exam
8	3	23-27/11/2025	Project Integration Management II
9	3	30/11-04/12/2025	Project Integration Management III, In-class activity
10	3	07-11/12/2025	Project Scope Management I
11	3	14-18/12/2025	Quiz2, Project Scope Management II
12	3	21-25/12/2025	The Project Management and Information Technology Context I
13	3	28/12-01/01/2026	The Project Management and Information Technology Context II
14	3	04-08/01/2026	Revision Week

15	3	11-15/01/2026	Final Exam

COURSE/STUDENT LEARNING OUTCOMES

1	Explain the genesis of project, program, and portfolio management and their importance to enterprise success, and analyze the triple constraints of projects.
2	Categorize the project management knowledge areas, and outline the main project management tasks.
3	Differentiate between the five project management (PM) process groups and practice key project management tools such as work breakdown structures and project charter.
4	Describe the project management and information technology context.
5	Apply project management methods, tools, and techniques by planning and managing a team project in the role of project manager or active member and demonstrate professional communication skills and employ virtual collaboration tools to facilitate team-based project work.

COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES

(Blank : no contribution, I: Introduction, P: Proficient, A: Advanced)

	Program Learning Outcomes	**Cont.**
1	Analyze a problem, and identify the computing requirements appropriate to its solution	
2	Design, implement, and evaluate computer-based systems, process, component, or program to meet desired needs	
3	Function effectively in teams to accomplish a common goal	A
4	Identify professional, ethical, legal, security, social, and economic issues and responsibilities	I
5	Analyze the local and global impact of computing on individuals, organizations, and society	I
6	Use current techniques, skills, and tools necessary for computing practice	P
7	Apply current technical concepts and practices in the core information technologies of human computer interaction, information management, programming, networking, web systems and technologies	P
8	Identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems	P
9	Effectively integrate IT-based solutions into the user environment	
10	Apply problem solving skills, core IT concepts, best practices and standards to information technologies	P
11	Identify and evaluate organizational requirements and current and emerging technologies	I
12	Design and integrate IT-based solutions into the organizational environment	

Prerequisites (Course Reading List and References):	None
Student's obligation (Special Requirements):	Class attendance, submitting team projects on time, self-study regularly at least 30 minutes after each lecture.
Course Book/Textbook:	Schwalbe, K. (2018). Information technology Project management. Cengage Learning.
Other Course Materials/References:	A Guide to the Project Management Body of Knowledge (PMBOK Guide). (2021). Project Management Institute. Lecture Notes
Teaching Methods (Forms of Teaching):	Lectures, Presentation, Project, Case studies, , ,

COURSE EVALUATION CRITERIA

Method	**Quantity**	**Percentage (%)**
Quiz	2	10
Project	1	15
Midterm Exam	1	20
In-class activity	1	5
Final Exam	1	40
Total		**100**

Examinations: Essay Questions, True-False, Fill in the Blanks, Multiple Choices, Short Answers, Matching, Draw a Figure, ,

Extra Notes:

ECTS (ALLOCATED BASED ON STUDENT) WORKLOAD

Activities	Quantity	Workload Hours for 1 quantity*	Total Workload
Theoretical Hours	15	3	45
Practical Hours	15	0	0
Final Exam	1	34	34
Quiz	2	6	12
Project	1	29	29
Midterm Exam	1	20	20
In-class activity	1	5	5
Total Workload			**145**
ECTS Credit (Total workload/25)			**6**

Peer review

Signature:	Signature:	Signature:
Name:	Name:	Name:
Lecturer	Head of Department	Dean