

CPIS-334 Syllabus

Catalog Description

CPIS-334 Introduction to Software Project Management

Credit: 2 (Theory: 2, Lab: 0, Practical: 1)

Prerequisite: None

Classification: College Required

The objective of this course is to study the processes, methods, techniques, and tools that organizations use to manage their information systems projects. The course covers a systematic methodology for initiating, planning, executing, controlling, and closing projects. This course assumes that project management in the modern organization is a complex team based activity, where various types of technologies (including project management software as well as software to support group collaboration) are an inherent part of the project management process. This course also acknowledges that project management involves both the use of resources from within the firm, as well as contracted from outside the organization.

Class Schedule

Lab/Tutorial 90 minutes 1 times/week

Two 50 minute sessions per week

Textbook

Kathy Schwalbe, , "Information Technology Project Management", Cengage Learning; 8 edition (2015-11-04)

ISBN-13 9781305177789 ISBN-10 1305177789

Grade Distribution

Week	Assessment	Grade %
1	Graded Lab Work 1	2
3	Graded Lab Work 2	2
5	Exam 1	15
5	Graded Lab Work 3	2
11	Graded Lab Work 4	2
12	Exam 2	15
12	Graded Lab Work 5	2
13	Group Project	15
15	Student Work Portfolio	5
16	Exam	40

Last Articulated

December 31, 2017

Relationship to Student Outcomes

a	b	c	d	e	f	g	h	i	j	k	l	m	n
	x		x				x	x	x				

Course Learning Outcomes (CLO)

By completion of the course the students should be able to

1. Identify the foundations of project management, including its definition (b)
2. Apply phases of project management life cycle (b)
3. Establish projects, including project selection and defining project scope. (b)
4. **Administer project Time with appropriate techniques and tools (i)**
5. **Demonstrate the importance of project cost management and calculate budget and preparing a cost estimate for a project (i)**
6. Examine project quality, including the identification of the threats to project quality (h)
7. Discover of project risk, and the techniques for ensuring project risk is controlled. (b)
8. Administer project human resource management and understand its processes (d)
9. **Articulate the importance of good project communications on projects both internal to the team, and external to other project stakeholders. (d)**
10. Establish the project procurement and discuss how to conduct procurements (h)
11. **Apply project execution, including monitoring project progress and managing project change, and appropriately documenting and communicating project status. (d)**
12. Examine project progress, managing, monitor and controlling project (h)
13. Describe projects control through information tracking (h)
14. **Complete the projects, including administrative, personnel, and contractual closure. (j)**

Coordinator(s)

Dr. Usman Ali Khan, Associate Professor

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Topics Coverage Durations

Topics	Weeks
Introduction to Project Management & Lifecycle	2
Managing Project Scope	1
Managing Project Time	2
Managing Project Cost	1
Managing Project Quality	1
Managing Project Risk	1
Managing Project Resources	1
Managing Project Communication	1
Managing Project Procurement	1
Managing Project Integration	1
REVISION	1
REVISION	2