

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
CIS 251S IT PROJECT MANAGEMENT
3 CREDIT HOURS

COURSE DESCRIPTION

In-depth exploration of project management principles and practices tailored specifically for information systems projects. Designed to equip students with the skills and knowledge necessary to effectively plan, execute, and oversee technology-related projects from inception to completion.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
5	1. Prioritize information systems projects and determine various aspects of the feasibility of these projects.	1, 2, 4
2	2. Understand the foundations of project management, including its definition, scope, and the need for project management in the modern organization.	1, 2, 4
2	3. Understand the phases of the project management lifecycle.	1, 4
3	4. Manage project teams, including the fundamentals of leadership and team motivation.	1, 2, 4
3	5. Manage project communication, both internal to the team and external to other project stakeholders.	1, 2, 4
5	6. Initiate projects, including project selection and defining project scope.	1, 4
3	7. Manage project schedules with appropriate techniques and tools.	1, 2, 4
3	8. Manage project resources, including human resources, capital equipment, and time.	1, 2, 4
3	9. Manage project quality, including the identification of threats to project quality, techniques for measuring project quality, and techniques for ensuring project quality is achieved.	1, 4
3	10. Manage project risk, including the identification of project risk and the techniques for ensuring project risk is controlled.	1, 4
3	11. Manage the project procurement process, including understanding external acquisition and outsourcing, as well as the steps for managing external procurement.	1, 2, 4
3	12. Close projects, including administrative, personnel, and contractual closure.	1, 4
3	13. Manage project execution, including monitoring project progress, managing project change, and appropriately documenting and communicating project status.	1, 2, 4
3	14. Control projects through information tracking, cost, and change control techniques.	1, 2, 4
2	15. Understand the mechanisms for dealing with legal issues in complex project contexts.	1, 4
5	16. Appreciate ethnic and cultural differences in working with global teams, either internal to organizations or by engaging offshore outsourcers.	1

CORE VALUES

The core values are a set of principles that guide Edison State Community College in creating its educational programs and environment. They will be reflected in every aspect of the College. Students' educational experiences will incorporate the core values at all levels, so that a student who completes a degree program at Edison State Community College will not only have been introduced to each value but will have had them reinforced and refined at every opportunity.

TOPIC OUTLINE

1. Introduction to Project Management
2. The Project Management and Information Technology Context
3. Process Groups
4. Integration Management
5. Scope Management
6. Cost Management
7. Quality Management
8. Resource Management
9. Communications Management
10. Risk Management
11. Procurement Management
12. Stakeholder Management
13. Career Preparation