



C-ID Descriptor

IT Project Management

Descriptor Details

- **Descriptor Title:** IT Project Management
- **C-ID Number:** 145
- **Units:** 3
- **Date of Last Revision:** 2/26/2025 07:15:44 PM GMT+0000

General Description

In this course students will learn the concepts and skills that build the foundations of project management—project integration, scope, time, cost, quality, human resources, communications, risk, and procurement—within an information technology (IT) environment. This course specifically builds project management skills in the information technology field and helps to prepare students for project management certifications exams, such as CompTIA Project+ or Certified Associate in Project Management (CAPM).

Prerequisites

None

Corequisites

None

Advisories

Business Information Systems/Computer Information Systems (C-ID ITIS 120)

Content

1. Project Initiation
2. Project Planning
3. Working with Management
4. Managing the Project Scope
5. Creating the Budget
6. Building a Project Plan
7. Organizing a Project Team
8. Managing Project Teams
9. Project Plan Implementation
10. Revising a Project Plan
11. Enforcing Quality
12. Project Completion

Lab Activities

No information provided

Objectives

At the conclusion of this course, the student should be able to:

1. Explain what a project is, what project management means, and how it improves the success of information technology projects.
2. List the skills and attributes of a good project manager both in general and more specifically in the information technology field.
3. List and describe the ten project management knowledge areas – project, integration, scope, time, cost, quality, human resource, communications, risk, and procurement and stakeholder management.
4. Apply the project management processes of initiating, planning, executing, controlling, and closing by working on a group project as a project manager or active team member.
5. Implement good project management by sharing examples of good and bad project management, keeping a journal throughout the course for personal reflection, and using knowledge and skills developed in this class in other settings.
6. Articulate the types of business needs that can be addressed using information technology-based solutions.

Evaluation Methods

Evaluation will include hands-on projects and a combination of examinations, presentations, discussions, or problem-solving assignments.

Textbooks

- Schwalbe, K., *Information Technology Project Management*, Cengage
- Phillips, J., *Project Management with CompTIA Project+: On Track from Start to Finish*, McGraw-Hill