

Course Title	Course Code	Credit Hours
Project Management	MGT-422	2-0

**Textbook:**

- Erik Larson, and Clifford Gray, “Project Management: the Managerial Process”, McGraw Hill

**Reference Books/Materials:**

- Paul Roberts, “Guide to Project Management”, Wiley
- PMBOK

**Course Objectives:**

The objective of this course is to introduce students to the theory, tools, techniques and advanced methodologies of project management.

**Course Outline:**

- Introduction to Project Management Concepts: History, Definitions, and Key Concepts
- Overview of Project, Program & Portfolio Management: Characteristics, Objectives, and Requirements
- Understanding Project Phases/Stages: Project Life Cycle, Environment, Scope, and Charter
- Role of the Project Manager: Project Stakeholder Analysis and Management
- Developing Project Proposals: Characteristics of Good Proposals, Types, and Templates (RFPs, RFQs)
- Project Feasibility Analysis: Review of Technical, Social, Managerial, Economic, and Financial Aspects
- Project Selection Criteria: Economic Analysis Using Break-Even, Cost-Benefit Ratio, IRR, NPV
- Project Contract & Procurement Management: Types of Contracts, Procurement Processes, and PPRA Rules
- Project Planning and Scheduling: Resource Planning, WBS, Project Networks, CPM/PERT Techniques

- Project Costing & Estimation: Cost Components, Estimation Methods, Earned Value Management, Cost Control
- Project HRM & Communication Management: Organizational Structures, HR Planning, Team Building, Communication Strategies
- Project Risk Management: Identification, Assessment, Mitigation, and Control of Project Risks
- Computer Applications in Project Management: Introduction to MS Project & Primavera P6 Software
- Project Quality Management: Quality Assurance, Quality Improvement Tools, and Quality Management Strategies
- Project Closure & Termination: Evaluation, Completion Criteria, Project Audit, and Termination Process