

Course code and Title: PE-417 Project Planning & Management

Course Contents:

Introduction

Overview of project management; project, program, portfolio; Enterprise Environmental Factors; Organization process asset; project manager roles.

Project integration management

Project charter and Project management plan; Managing Project work and knowledge; Performance of integrated change control; Project or phase closure.

Project scope management

Scope planning, definition, validation and control; work breakdown structure.

Project schedule management

Schedule management definition and planning; project activities sequencing and duration estimation; schedule development and control.

Project cost management

Project and project activities cost planning, estimation, budgeting and control.

Project quality management

Project quality planning, management, and control.

Project resource management

Project and project activities resource planning, estimation, acquirement, and control. Developing and Managing Team.

Project communication management

Project communication planning, management and control.

Project risk management

Risk management planning; risk identification and analysis; planning and implementation of risk response; monitoring of risk.

Project procurement management

Planning of procurement management; procurement process and control.

Project stakeholder management

Stakeholder identification; planning, managing and monitoring stakeholder engagement.

Implementation of project activities using software.

Text book

1. EurIng Albert Lester, “Project Management, Planning and Control” Seventh Edition, Elsevier, 2017.

Reference book

1. Trish Melton, “Project Management Toolkit” Second Edition, Elsevier, 2007.