PMGT 311

Managing Project Scope, Schedule and Cost

COURSE DESCRIPTION

This course addresses the key concepts, models and practices of managing the scope, schedule and costs of projects across a variety of sectors (private, public, non-profit and specialized). The ability to identify and manage the scope, schedule and costs of a project is a key competency for managers and professional service providers in all sectors. Students will learn the key components of scoping, scheduling and costing process, and apply the earned value concept to communicating project status.

COURSE LEARNING OBJECTIVES

By the end of the course, students will be able to:

1. Describe the key concepts, models and practices related to scoping, scheduling and costing projects across a variety of sectors (public sector, private sector, non-profit sector and specialized sectors)
2. Explain the historical evolution, contemporary state and importance of scoping, scheduling and costing projects
3. Identify the key general steps, practices and tools within the scoping, scheduling and costing process
4. Apply the earned value concept to communicating project status

COURSE EVALUATION

- Quizzes
- Discussion Boards
- Individual Project - Briefing Paper and Presentation
- Application Project – Develop a project plan containing goals, deadlines, integrated activities, resource allocations and costs, critical completion pathways and a system for communicating project status based on earned value

TOPICS
• Definition and importance of project scoping, scheduling, costing and progress reporting
• History of project scoping, scheduling, costing and progress reporting
• Nature of the various elements:
  o project scoping
  o project scheduling
  o project costing
  o progress reporting
  o Key general components of the process of project scoping, scheduling, costing and progress reporting
• Develop a project plan that includes a description of scope, schedule (GANNT chart), activity and time period costing, and provide a progress report/presentation of the project plan
• Review the ethics of project scoping, scheduling, costing and progress reporting