

PM 694: Advance Topics in Project Management

Project Management course is a comprehensive introduction to project management theory and application including but not limited the knowledge areas and processes identified in the Project Management Institute's (PMI) Guide to the Project Management Body of Knowledge (PMBOK). Using a combination of theory based lectures, case studies, and practical exercises, students are introduced to project management best practices and problem solving techniques associated with project planning, charter, scope, feasibility, risk, financial analysis, close up, HR, Quality Management, resource requirements management, executing and controlling the projects, etc.

Course Contents:

-) Introduction to project management
-) Definition of a project
-) Importance of project management
-) Project life cycle; Types of projects
-) Project management and related industries
-) Project initiation and selection
-) Project manager
-) Project organization
-) Project planning
-) Conflicts and negotiation
-) Project implementation.
-) Budgeting and cost estimation
-) Scheduling; Resource allocation
-) Monitoring and information systems
-) Project control.
-) Project feasibility study
-) How to prepare project feasibility study
-) Format of feasibility study
-) Contents of feasibility study
-) Making accurate estimates.
-) Project networking & scheduling (PERT/CPM)

Text Books:

Jack R. Meredith & Samuel J. Mantel, Jr.: Project Management – A Managerial Approach
Harold Kerzner Project Management – A Systems Approach to Planning, Scheduling and Controlling