

Course No. 1713

Government Project Planning & Scheduling Training Course

GOVERNMENT PROJECT & PROGRAM MANAGEMENT
GOVERNMENT & PUBLIC SECTOR

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The Government Project Planning & Scheduling Training Course provides a comprehensive and practical framework for developing project planning, scheduling, and time management capabilities within the public sector. The course focuses on translating government objectives and approved deliverables into structured, measurable, and executable project plans while maintaining alignment with scope, budget, resources, and delivery targets.

Government projects often involve multiple stakeholders, complex approval processes, procurement and contracting requirements, interdependent programs, and strict delivery commitments. Effective planning and scheduling are therefore critical for establishing realistic execution strategies, identifying dependencies, allocating resources, and managing project constraints before implementation begins.

The program covers the development of government project plans, work breakdown structures, activity definition and sequencing, duration and resource estimation, schedule development, critical path analysis, schedule baselines, change management, delay analysis, and recovery planning. It also emphasizes integrating schedules with budgets, resources, procurement activities, and project risks.

Participants will learn how to use structured planning and scheduling techniques to monitor progress, identify deviations at an early stage, assess the impact of delays, and develop effective recovery strategies. The course also addresses schedule reporting and executive dashboards to support informed decision-making.

Through practical exercises, government project case studies, schedule development workshops, and scenario analysis, participants will develop the skills required to create professional and realistic project plans and schedules that improve implementation readiness, schedule reliability, resource utilization, and overall project delivery.

Objectives

- Analyze the principles and fundamentals of government project planning and scheduling.
- Develop integrated project plans aligned with government strategies and objectives.
- Apply effective techniques for defining project scope, deliverables, and activities.
- Develop Work Breakdown Structures and connect work packages with execution plans.
- Identify activity relationships, dependencies, and logical sequencing.
- Estimate activity durations, resource requirements, and schedule constraints.
- Develop realistic and measurable project schedules.
- Identify the critical path, critical activities, and major sources of schedule risk.
- Integrate project schedules with resources, budgets, procurement, and risk management.
- Analyze the impact of changes and delays on project schedules.
- Develop recovery and corrective action plans to restore project timelines.
- Prepare an integrated framework for government project planning and scheduling.

Who Should Attend

This training course is designed for Government Project Managers, Program Managers, Planning Engineers, Project Schedulers, Project Controls Professionals, Project Engineers, Project Management Specialists, and Project Management Office professionals.

It is particularly relevant to professionals working in ministries, government departments, municipalities, public authorities, infrastructure organizations, and entities responsible for delivering government projects and programs. The course is also suitable for professionals involved in budgeting, procurement, contract management, risk management, and project performance monitoring.

The program will benefit project leaders, managers, and executive stakeholders who need a stronger understanding of project plans and schedules, delay assessment, resource allocation, execution priorities, and schedule recovery strategies.

Learning Outcomes

- Explain the fundamental principles of government project planning and scheduling.
- Translate government objectives into structured execution plans and measurable deliverables.
- Develop a Work Breakdown Structure for a government project.
- Define activities, relationships, dependencies, and logical sequences.
- Estimate activity durations, resource requirements, and project constraints.
- Develop an integrated project schedule aligned with the execution plan.
- Identify the critical path and activities with the greatest impact on project completion.
- Analyze the impact of resources, procurement, risks, and changes on project schedules.
- Establish schedule baselines and monitor schedule performance.
- Evaluate the causes and impacts of project delays and develop appropriate recovery actions.
- Prepare schedule reports and management dashboards for decision makers.
- Develop a complete project planning and scheduling framework from initiation through project completion.

Course Outline

DAY 01

Government Project Planning Fundamentals

- Principles of project planning in the public sector
- Linking projects with government strategies and objectives
- Defining project scope, objectives, and deliverables
- Project phases and key milestones
- Work Breakdown Structure and work packages
- Roles and responsibilities in project planning

PRACTICAL APPLICATION

Develop a Work Breakdown Structure for a government project

DAY 02

Activity Development, Sequencing & Duration Estimation

- Converting work packages into schedulable activities
- Identifying activity relationships and dependencies
- Activity sequencing and execution logic
- Estimating activity durations and resource requirements
- Identifying constraints and planning assumptions
- Developing project activity networks

PRACTICAL APPLICATION

Develop an activity network and logical sequence for a government project

DAY 03

Schedule Development & Critical Path Analysis

- Developing the project baseline schedule
- Defining milestones and key completion dates
- Critical Path Method
- Identifying critical and near-critical activities
- Calculating schedule float
- Integrating schedules with resources and budgets

PRACTICAL APPLICATION

Develop an integrated project schedule and identify the critical path

DAY 04

Schedule Monitoring, Delays & Change Management

- Establishing the schedule baseline
- Monitoring actual progress against planned performance
- Schedule variance analysis
- Managing changes and their impact on project duration

DAY 04 — CONTINUED

- Root-cause analysis of project delays
- Recovery planning and schedule acceleration

PRACTICAL APPLICATION

Analyze a delayed government project and develop a schedule recovery plan

DAY 05**Advanced Planning & Government Project Delivery**

- Integrating schedules with risks, procurement, and resources
- Scenario planning and schedule impact analysis
- Resource optimization and execution sequencing
- Executive schedule reporting
- Project progress dashboards
- Lessons learned and continuous improvement in planning and scheduling

FINAL WORKSHOP

Develop a complete government project plan and schedule covering scope, Work Breakdown Structure, activities, dependencies, durations, resources, milestones, critical path, baseline, risks, procurement, progress monitoring, delay management, and recovery planning.

Register or Request More Information

Course page: <https://quest-training.com/courses/government-project-planning-scheduling-training-course>

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