



Updated!

Scheduling and Cost Control

e-Training

920 € + IVA

42 días acceso



COURSE
SCHEDULE

Convocatorias
mensuales

PDU: 28

Idioma
Inglés

Certificación:
The George
Washington
University



YOU WILL LEARN TO:

- Use the work breakdown structure to develop a network diagram
- Calculate the schedule and cost estimates using PERT and CPM
- Plan for schedule, scope, and cost variations
- Predict future project performance based on historical data
- Predict, assign and tabulate resource requirements
- Monitor changes and close out projects on time

COURSE SYNOPSIS

In this course you will focus on managing the constraints you face in any project: limits on time, human resources, materials, budget and specifications. Discover proven ways to work within your identified constraints, without letting predefined limits curtail creativity or innovation.

You will gain hands-on experience, practicing your skills in building project requirements and the work breakdown structure. You will learn a sound, logical framework for scheduling and controlling project activities. And you will master techniques for estimating, forecasting, budgeting, monitoring, controlling, analyzing and reporting costs and interpreting the meaning of earned-value data.

Individual and small-group exercises feature scenarios that help hone these skills, and a comprehensive toolkit provides practical field guidance.

Recommendation: Please bring a calculator to class. Participants should have taken *Managing Projects* or *Managing IT Projects*, or have a foundational knowledge of project management concepts before attending this course.

Participants in this course will receive ESI's **Earned Value Formula Finder**.

HEAR FROM AN ESI
INSTRUCTOR ABOUT
THIS COURSE



KEY TOPICS

- ✓ **Essential Background**
 - Overview of the project management life cycle
 - The project constraints
 - Planning tools
 - Project requirements—a review
 - The work breakdown structure—a review
- ✓ **Resource Allocation and Estimating**
 - Using estimates for scheduling and cost control
 - The basic rules of estimating
 - Levels of estimating and estimate types
 - Four estimating methodologies
 - Identifying controllable costs
 - Planning for risk with contingency
 - Building the project resource pool
 - Time-controlled estimates
 - Resource-limited estimates
- ✓ **Scheduling**
 - Network scheduling
 - Validating schedules
 - Precedence diagrams
 - Basic scheduling and network calculations
 - Advanced precedence relationships
 - Alternative constraints
 - Gantt and milestone charts
- ✓ **The Baseline**
 - Establishing baselines
 - Understanding types of baselines
 - Time-phased distribution of costs
 - Cumulative cost curves
- ✓ **Managing Change Within the Project**
 - The process of control
 - Identifying sources of change
 - Screening change
 - Updating the project plan
 - Communicating change
- ✓ **Evaluation and Forecasting**
 - Causes of variances
 - Establishing the "data date" for evaluation
 - Controlling costs and schedule late in the project
 - Components of the project audit
 - Establishing a monitoring system
 - Earned value
- ✓ **The Exit Strategy: Closing the Project**
 - Steps in completing the project
 - Scope verification
 - Contract closeout
 - Administrative closure