

# COURSE DESCRIPTION

## Introduction to CPM Scheduling

### LOGISTICS

#### Duration

*1 Day (8 Hours)*

#### Delivery

*In-person, instructor led or via video conference*

*Student PCs are not required.*

#### Class Size

*Up to 15 Students*

#### Prerequisites

*None*

### OVERVIEW

This course introduces students to the fundamental concepts of the Critical Path Method (CPM) scheduling technique. This course does not teach any particular software but should be considered a prerequisite to scheduling software training. Topics covered include:

- CPM scheduling terminology
- Using the PERT estimating technique
- Relationships, lags, leads, and constraints
- Calculating a forward-pass and backward-pass
- Resource loading and leveling
- Applying status
- Basic scheduling best-practices

### TARGET AUDIENCE

Aspiring project managers, project controls analysts, or schedulers.

Project professionals who want to learn more about the scheduling process.

### LEARNING OBJECTIVES

Upon successful completion of this course, students will be able to:

- Understand the terminology used in CPM scheduling
- Build a schedule of sequenced tasks, with durations, using critical path methodology
- Identify free float, total float, and the schedule critical path
- Understand options for resource loading and optimization
- Apply a disciplined scheduling update process
- Use schedule recovery techniques



# ABOUT PINNACLE

The Leader in IPM Systems Consulting, Training and Support



## ABOUT PINNACLE

Founded in 1993, Pinnacle supports a world-wide client base, through a staff of experienced professionals and a network of strategic partners.

Throughout our history we have successfully delivered hundreds of client engagements, helping our clients across all industries improve their organizational performance and deliver better results.

Specializing in enterprise-wide management systems, our core focuses are Enterprise Project Management (EPM), Integrated Program/Project Management (IPM), Earned Value Management (EVM) and Project Portfolio Management (PPM).

We provide a range of value focused and results driven professional services through our consulting and training, federal, and commercial outsourcing service lines.

**Pinnacle Management Systems, Inc.**

50 Culpeper Street, Suite 2

Warrenton, VA 20186

Telephone: (888) 975 - 1119

[info@pinnaclemanagement.com](mailto:info@pinnaclemanagement.com)

[www.pinnaclemanagement.com](http://www.pinnaclemanagement.com)