

Brad Carroll, PMP

Project Management Workshop Series

DEVELOPING A WORK BREAKDOWN STRUCTURE FOR SOFTWARE SYSTEM PROJECTS

2 HOURS

DESCRIPTION

This workshop provides the advanced IT project management practitioner a review of the practice of developing a Work Breakdown Structure (WBS) and network diagramming techniques to create project schedules for software and systems integration projects. Presented with a combination of lecture, planning scenarios and examples, participants are presented various approaches to developing top down, bottom up, or combination WBS and project schedules. The discussion includes an overview of IT project development environments and assessments of serial versus agile development lifecycles.

PREREQUISITES

PMP certification
Practical experience managing software or systems integration projects

COURSE MATERIALS

Lecture and handouts

ESSENTIAL LEARNING ENVIRONMENT

- Lecture
- Class Discussion
- Examples

OBJECTIVES

Upon completion of this course, participants will be able to:

- At the end of this unit, you will be able to:
 - Develop a Work Breakdown Structure (WBS) to define the project scope
 - Understand the how to create a network diagram to determine the critical path
 - Understand and use various techniques to create a project estimates
 - Apply various techniques to develop a project schedule
 - Establish the project baseline

