

Course Syllabus Project Planning

Prerequisite:

Introduction to Project Management

Purpose:

The purpose of this course is to familiarize Seattle Children's Research Institute's staff to the various techniques used to develop a project plan including schedule, cost, and scope baselines.

Topics Covered:

- What is a project plan?
 - Baselines
 - Schedule
 - Cost
 - Scope

- Project schedules
 - Work Breakdown Structures (WBS)
 - Defining activities
 - Sequencing activities
 - Estimating requirements
 - Resource estimation techniques
 - Duration estimation techniques
 - Performance evaluative review technique (PERT) and Critical Path Method (CPM)

- Project budget
 - Cost estimating techniques
 - Cost budgeting techniques

Learning Objectives:

Upon completion of this course, staff should be able to use the project charter to develop a WBS and corresponding schedule. Furthermore, staff should be able to develop and apply cost estimates to the schedule.