

Course Name: Principles of Planning for Building and Construction	
Area of Study	Classroom Hours:
Project Management Fundamentals	7
Description:	
<p>This course de-mystifies the big picture of what it takes for owners, designers and contractors to successfully plan, organize, and manage construction projects. An increasingly complex industry requires participants with broad knowledge. This comprehensive course provides the background to help everyone on your projects understand the “why” and the “how” of successful projects.</p> <p>Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.</p> <p>Lesson 1: Understanding the Fundamentals of Outsourcing</p> <ul style="list-style-type: none"> ▪ Construction Projects & Players ▪ Project Stages ▪ The Owner’s Feasibility ▪ Project Delivery Methods ▪ Programming and Design Phase ▪ Bidding and Awarding the Job ▪ Contractors: Finding and Qualifying for the Right Jobs ▪ Fundamentals of Estimating ▪ Creating Estimates ▪ Introduction to Contracts ▪ Types of Construction Contracts ▪ The Agreement ▪ General & Supplementary Conditions ▪ Contract Specifications ▪ Pre-Construction & Mobilization ▪ The Construction Phase ▪ Fundamentals of Scheduling ▪ Creating and Using the Schedule ▪ Buying Out the Job: Subcontracting ▪ Changes in the Work ▪ Getting Paid ▪ Claims, Disputes, and Mechanic’s Liens ▪ Close-Out and Occupancy 	
Students enrolled for this course should have the following:	
<p>This course is designed for anyone wishing to learn what it takes to develop, plan and manage a construction project.</p>	
Upon successful completion of this course, students will be able to:	
<ul style="list-style-type: none"> ▪ Identify who all the team members are and what they do ▪ Determine how owners assess risk and why contractors should care ▪ Know how contractors find and get the right jobs ▪ Know how to bid and know why the low bid isn’t always the best bid ▪ Identify ways that construction contracts carry risk ▪ See why estimates and schedules are keys to success ▪ Know how to work together to bring jobs in on time and on budget 	