

AGC's BUILDING INFORMATION MODELING EDUCATION PROGRAM

Unit 3: BIM Project Execution Planning

BIM Project Execution Planning is the third of four courses that comprise AGC's Building Information Modeling Education Program. This full-day, facilitator-led course is designed as a mix of lecture, facilitated discussion and activities. Use cases provide examples to help you understand session concepts. The course is divided into four sessions:

Session 1 introduces participants to teaming dynamics that are most desired, if not required, for a successful project. During this session, you will learn what qualities are necessary for a successful project team, the importance of establishing an environment of shared vision and accountability for each team member, to each other. We will also look at the impact of different size groups and how to adapt without compromising the project goals.

Session 2 examines some of the more basic BIM-related legal concepts. We will focus on providing a fairly high-level perspective on a range of legal topics that attendees should know. These are general concepts that are evolving, along with BIM. We'll look at risk, intellectual property and standard of care. All of these are good examples of real world concerns for everyone on the project. We will also examine the different delivery methods for construction projects, with time to discuss trends and benefits of particular models.

Session 3 is all about gaining a strong understanding of the BIM Project Execution Plan (BIM PXP). We will look at the basic questions of what it is and why it is necessary, as well as how you can use the plan for any size project(s). We will spend quite a bit of time gaining a strong understanding of why this is such an important ingredient for a successful project. We will also look at some of the plans that are currently in use today.

Session 4 is your time to participate in a BIM project team activity. You will be part of a team, with a defined role, and you will apply what you have learned in the course. The day will end with this activity with the goal that it will reinforce the information that was shared with you during the previous three sessions.

Course Learning Objectives

Following this course, participants will be able to:

- Identify the key attributes of a successful team.
- Explain contract liability and model usage.
- Identify BIM delivery methods.
- Understand the meaning and usage of Level of Development (LOD).
- Explain the key components of a BIM Project Execution Plan.
- Understand and explain the benefits of a synchronized project workflow.

Course Instructor: Dan Russell CM-BIM
[Click here for Instructor Bio](#)

Earn Your Certificate of Management - Building Information Modeling Today!