Building Information Modeling (BIM) Implementation Bootcamp

Certificate Program

BIM allows you to optimize productivity and enhance your firm's ability to manage the building design and construction lifecycle, streamline work processes, and deliver projects on time and on budget. Our BIM program helps you implement smarter, and more efficient solutions in the architectural design, engineering, and construction industries.

Taking place on September 7th, 2012 from 8:00 till Noon, the Building Information Modeling Implementation Bootcamp provides students with the knowledge to develop a customized process, implementation plan, schedule, and task list addressing the specific needs of their firm regardless of size, type, and industry — from one-man operation to national firm, Design, Architecture, Engineering, Construction Management, or Contractor. Students must be familiar with current 2D design, production, and documentation processes and methodologies (AutoCAD or similar recommended) before registering. Software discussed will include, but not be limited to; Revit, Navisworks, Glue, Design Review, Bluebeam Revu, Vico, Tekla & others. Note: this is not a software training class, software discussions and examples are meant to show possibilities.

Program Objectives

- Explore the challenges and benefits of adopting a 3D (BIM) approach to production and documentation.
- Define a decision making process to plan the move to BIM.
- Provide the tools necessary to create a realistic BIM implementation plan that responds to specific staff, financial, and schedule constraints.
- Develop a process map, task list, and schedule for BIM implementation.

Who Should Attend

- Strategic planners and decision-makers responsible for firm direction.
- Technical and information system installation, maintenance, and support staff.
- Applicable to the Architecture, Design, Engineering, Construction Management, and Construction industries.

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Curriculum
Program Format

The Building Information Modeling (BIM) Implementation Bootcamp is an intensive half day program.

This is a 4 hour program, including:

- Orientation
  - General information and introductions
  - Course goals and definitions
  - Discussion of BIM and VDC tools, goals, and practices
- General practices and the process of constructing a customized implementation plan, including:
  - Decisions
  - Tasks
  - Timelines
  - Cost implications
- Wider Issues
  - Moving existing work to the 3D environment
  - Working with consultants and contractors in both 2D and 3D
  - Next steps: Expanding your services
- Q&A - Customizing the implementation plan.