

## ABOUT THIS CLASS

This program is designed to quickly familiarize participants with basics of reading and understanding construction documents. From identifying the many line styles to combing through specification documents, participants will learn how to navigate a project and understand the material and construction requirements.

## THE SPEAKER

### Troy DeGroot Bluebeam Certified Consultant

Troy started his career in 1996 taking advantage of a high school internship program as a Structural Steel Detailer. He eventually evolved into the structural engineering profession as a designer/technician developing construction documents for projects of various sizes.



Promoted to a Building Information Modeling (BIM) Manager, Troy oversaw the transition from 2-dimensional design to the latest in 3-dimensional design and coordination modeling.

Nearly 20 years later Troy transitioned his skills into a teaching role assisting companies with BIM implementations, building company standards and training team members in products like Revit Architecture, Revit Structure and Bluebeam Revu. In 2020 Troy launched his own business as an industry leader in Bluebeam customization, implementation and training for individuals and companies across the globe. Learn more at <http://uchapter2.com/>

## ONLINE CLASS SCHEDULE

### 1. Introduction to Construction Planning and Scheduling

**Tuesday, November 30, 2021**

**5:00 p.m. to 7:00 p.m. CST**

We're going to start with a brief history and introduction of plans, legal documents, revisions, addendums, specifications, site plans and the purpose of each throughout the construction lifecycle, from schematic design to facility management.

### 2. Understanding Industry Documentation Standards

**Thursday, December 2, 2021**

**5:00 p.m. to 7:00 p.m. CST**

Construction communication consists of textual directions, images, visual diagrams, and drawings. This language consists of specific title block information, standard line styles, dimension styles, symbols, abbreviations, standard terms, and scales. In this module we'll look at some of the most common things you find and why using industry standards are important for everyone involved.

### 3. Drawing Navigation

**Tuesday, December 7, 2021**

**5:00 p.m. to 7:00 p.m. CST**

This module is dedicated to showing the purpose behind specific parts of

a drawing set. We'll cover Site Plans, Architectural Floor and Roof Plans, Structural Foundation and Framing Plans, Elevations, Building Sections and Detail Sheets.

### 4. The Importance of Specialty Plans

**Thursday, December 9, 2021**

**5:00 p.m. to 7:00 p.m. CST**

Beyond the Architectural cosmetic / functionality plans, and Structural engineering drawings, this class will look at other important disciplines like Mechanical, Electrical and Plumbing drawings. These disciplines introduce us to shop drawings or prefabrication drawings which include unique diagrams, symbols, and abbreviations.

### 5. Revisions & As-Build Drawings

**Tuesday, December 14, 2021**

**5:00 p.m. to 7:00 p.m. CST**

There's actually a lot of critical information not provided on the drawings. These can be found in the Specifications which cover everything from Soils Reports for foundation stability to the grade of materials used and application requirements of each. We'll explore how ongoing adjustments are recorded through Revisions and As-Built drawings.

## Who Should Attend

This innovative online program is for apprentices, entry-level tradespersons, project coordinators, assistant project managers, new project managers, estimators, specialty sales representatives, or anyone in career transition looking for a refresher.

## REGISTRATION INFORMATION

Register online at  
<https://bit.ly/3CUMPr2>

[CLICK TO REGISTER](#)

**Cost for Members: \$225 per seat**  
**Note: PDFs of the plans and workbook will be emailed to registrants to download and print. \$25 fee for hard copy of 11x17 prints and workbook to be mailed. Must register 2-weeks prior to allow time to ship.**