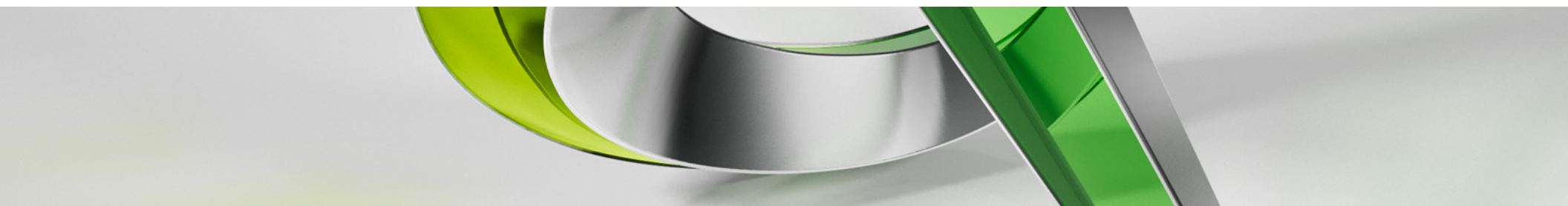# Technical Training for Revit - Roundtable Discussion

Carl Storms

IMAGINiT Technologies - Senior Applications Expert

@theBIMsider

Class summary

This session will be an interactive roundtable discussion about tips, tricks, and user experiences with technical training for Revit building design software. These tips, tricks, and experiences will be suggested by the attendees and presenter alike, but will then be discussed and perhaps debated by all, with the end goal of an improved process at the close of the discussion. We will add all of the content collected during the session to the handout and share it with all attendees after the session has concluded. All topics are fair game as long as they pertain to Revit software and the training of Revit software. See some examples of topics in the learning objectives below. This session features Revit.

Key learning objectives

At the end of this class, you will be able to:

- Discover which tools besides Revit you can use in your training

- Discover ways to engage the students to keep them interested while delivering large amounts of technical information

- Discuss how to deal with problems or issues (technical or other) that arise during training

- Gain shared information and experiences from participants

Agenda

Introduction

What is Technical Training?

What is a Technical Trainer?

Roundtable Topics

- **Tools of the Trade**
- **Student Engagement**
- **Workflow vs. Buttonology**
- **Class Preparation**
- **Dealing with Questions**
- **Dealing with Conflict**

Questions

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Introduction

Presenting Today:

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- Worked in Residential & Commercial Architecture
- Worked in Commercial Construction (BIM/VDC)
- Over 5 years as a Collegiate & Industry Instructor
- Speaker at Multiple AU & RTC Conferences
- Started working with CAD in 1993
- Been involved in AEC Since 1998
- Been utilizing BIM since 2008
- With IMAGINiT Since 2012

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What is Technical Training?

What is Technical Training?

Technical Training *is the process of teaching employees how to more accurately and thoroughly perform the technical components of their jobs. Training can include technology applications, products, sales and service tactics, and more. Technical skills are job-specific as opposed to soft skills, which are transferable."*

Neil Kokemuller - eHow

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What is a Technical Trainer?

What is a Technical Trainer?

*"A **Technical Trainer** is an educator or teacher who trains or coaches others in some field of technology. The task requires a certain set of competencies, but many technical trainers do not hold specific technical training qualifications. Although there are professional organizations and publications of relevance to technical trainers, few of these are specifically focused on that profession"*

Wikipedia

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Roundtable Topics

Roundtable Topics

Tools of the Trade

- **PowerPoint / Prezi**

- **Whiteboard / Chalkboard / Flip Chart**

- **ZoomIt**

- **Laser pointer**

- **Others?**

Roundtable Topics

Student Engagement

- **Hands-on practice vs. Demo vs. Lecture**

- **Instructor Tone / Humor**

- **Postsecondary Students vs. Adult Learner**

- **Learning Cycle (45 minutes)**

- **Others?**

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Roundtable Topics

Student Engagement

Learning Cycle and Timing

Timing for a 45-minute lesson?
5 + 5 + 10 = 20 minutes
20 x **2 learning cycles** = **40** minutes
= **5** minutes for Introduction and Conclusion

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Roundtable Topics

Workflow vs. Buttonology

- **What is Buttonology**

- **Is a Demo different from Workflow?**

- **Can you use both?**

- **Others?**

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Roundtable Topics

Class Preparation

- **Can you over prep?**

- **When should you prep**

- **How do you prep for the unexpected?**

- **Others?**

Roundtable Topics

Dealing with Questions

- When should questions be allowed

- How to ask questions of the Students?

- Others?

Roundtable Topics

Dealing with Conflict

- **Class clowns**

- **Troublemakers**

- **Slower learners vs. Fast learners**

- **Others?**

Questions?

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How did I do?

- Your class feedback is critical. Fill out a **class survey** now.

- Use the AU mobile app or fill out a class survey online.

- Give feedback after each session.

- AU speakers will get feedback in real-time.

- **Your feedback results in better classes and a better AU experience.**

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