



The Institution of Engineers, Malaysia
(Penang Branch)

Enhancing Infrastructure Design: A One-Day Autodesk Workshop & Hands-on Session

Synopsis

Join us for an intensive one-day workshop designed to enhance your skills and knowledge in three powerful Autodesk tools: Civil 3D, InfraWorks, and Autodesk Docs.

This hands-on session will provide you with practical insights and techniques to optimize your workflow and increase efficiency in civil engineering and infrastructure projects.

KEY TAKEAWAYS:

•Explore Autodesk InfraWorks:

Learn how to create, manage, and visualize infrastructure models with ease. Discover key features and benefits that can transform your conceptual design phase.

•Dive into Autodesk Civil 3D:

Delve into the intricacies of Civil 3D to effectively design alignments, profiles, and surfaces. Gain practical skills in managing civil engineering projects from start to finish.

•Leverage Autodesk Docs:

Understand how to set up projects, control documents, and collaborate efficiently using Autodesk Docs. Learn best practices for document management and version control to keep your team aligned and informed.



17 July 2024 (Wed)



8.30am – 5.30pm



IEM Penang Secretariat,
1-04-02, eGate., Lebuhraya Tunku
Kudin 2, 11700 Penang

IEM Member : FOC
Non-IEM Member: RM120

BEM CPD Hours: 7
Ref:IEM24/PG/255/W

REGISTER NOW
event.iempenang.org



About the Speakers



Ts. Poo Teng Soo holds a Bachelor of Engineering (Hons) in Civil Engineering from Universiti Sains Malaysia. He is a registered Professional Technologist and also a registered ASEAN Engineering Technologist for AFEO. Ts Poo is currently a Council member of Technological Association Malaysia, Tekla Structure Advanced level certified and BIM modeler (Architectural and Structure) CIDB certified. He has more than 21 years of experiences in the industry and actively involved in the Malaysia Construction industries and also the education industries.



Syed Dzulkarnain is a mechanical engineer with more than 14 years of experience in mechanical design, development, and quality assurance. Expert in CAD operations, and skilled producer of documentation and drawings associated with mechanical engineering. Recognized for a keen ability to improve design components, increase product and manufacturing efficiency, and decrease the constant need for re-engineering.

Switched to technical solution consultant role to support sales efforts with extensive product knowledge and industries experiences in order to help customer to have smooth adoption of the proposed solutions.

Time	Details
8.30am - 9.00am	Registration & Refreshment
9.00am - 10.30am	Introduction to Autodesk Infraworks ~ Overview of Infraworks ~ Key features and benefits ~ Basic workflow: Creating & Managing Models
10.30am - 1.00pm	Getting Started with Civil3D ~ Introduction to Civil3D ~ Creating & managing projects ~ Basic design elements: Alignments, Profiles and Surfaces ~ Integrating Infraworks models with Civil3D
1.00pm - 2.00pm	Lunch Break
2.00pm - 3.00pm	Designing with Infraworks and Civil3D Integration ~ Integrating models with Civil3D
3.00pm - 3.30pm	Utilizing Autodesk Docs for Project Management ~ Introduction to Autodesk Docs ~ Setting up projects and folders ~ Uploading and managing documents ~ Document control workflows and versioning
3.30pm - 4.00pm	Tea Break
4.00pm - 5.00pm	Collaboration and sharing ~ Collaboration features in Infraworks, Civil3D and Autodesk Docs ~ Best practices for Collaborative Workflows
5.00pm - 5.30pm	Q&A and Wrap-Up ~ Q&A ~ Lucky Draw ~ QR code and feedback ~ Photo session

In collaboration with:

