INSTITUT IGH, JSC

AutoCAD
Trusted by millions

Workshops, Learn and Improve your Workflow

AUTODESK
Authorized Training Center

CONTENT

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Learn from an Industry Expert:

Our educators are Autodesk Certified Instructors (ACI) with extensive experience and a proven track record of guiding learners to success.

With a deep understanding of AutoCAD and hands-on experience across various industries, our instructors expertly blend technical knowledge with practical insights, ensuring a truly engaging and interactive learning journey.

You will receive personalized feedback and valuable industry insights, empowering you to master AutoCAD's powerful tools and enhance your design efficiency.

AUTODESK Certified Instructor

AUTODESK Authorized Training Center

AUTODESK Learning Partner

WORKSHOPS

Improve Your Workflow

ANNOTATIVE OBJECTS AND STYLES

Topic:
One drawing, one dimension style, one text object, multiple scales...

Description:
In this workshop, we will explore the concept of annotative scaling and demonstrate how to spend less time annotating drawings while maintaining consistent and readable annotations across various viewports and scales.

Why This Workshop:
- **Learning by Doing:** Through a straightforward, step-by-step example, you will define styles, add annotations with multiple scales, ensuring consistency and clarity in your drawings This hands-on approach will boost your confidence in applying these techniques to your own projects.

Highlights:
- Annotative Text,
- Annotative Dimensions,
- Annotative Blocks,
- Annotative Hatches,
- And a Few Timesavers…

Course duration: 4 sessions (45 minute-long)

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WORKSHOPS

Improve Your Workflow

UCS, NAMED VIEWS, LAYOUTS AND VIEWPORTS

Topic:
What to do when things aren't orthogonal?!

Description:
Does working with misaligned site plans or drawing at angles complicate your AutoCAD life? This workshop covers key concepts that will simplify your work on large drawings/objects, such as long road or railway corridors, often challenging in orientation. You will learn how to work without changing the orientation or position (coordinates) of your objects, ensuring accuracy and consistency in your design.

Why This Workshop:

- **Learning by Doing:** Through engaging exercises, you will discover techniques for managing large drawings. You will learn how to manipulate views, create sheet indexes and set up layouts for efficient printing. By the end of the course, you will be able to handle your design workflow with ease.

Highlights:

- UCS,
- Named Views,
- Named Views vs Viewports,
- Tips and Tricks…

Prerequisites:
This workshop covers some advanced techniques, so prior experience and knowledge of AutoCAD fundamentals are recommended.

Course duration: 4 sessions (45 minute-long)

WORKSHOPS

Improve Your Workflow

WORKING WITH LAYERS

Topic:
Layers: The Key to Effective Drawing Organization and Management.

Description:
In this workshop, you will gain a comprehensive understanding of the concept and significance of layers in AutoCAD drawings. Many users underestimate the importance of layers, so we will highlight their crucial role in organizing and sharing drawings effectively.

Why This Workshop:

- **Learning by Doing:** Through hands-on exercises, you will learn how to create layers and organize and manage drawing elements with just a few clicks. By implementing best practices, you will enhance your overall workflow and produce well-organized, visually appealing drawings ready for printing and sharing.

Highlights:

- Creating and Naming Layers Best Practices,
- Understanding Layers 0 and Defpoints: Insights on Default Layers,
- Working with Filters,
- Managing Viewports and Layers…

Course duration: 4 sessions (45 minute-long)

WORKSHOPS

Improve Your Workflow

LAYOUTS AND VIEWPORTS

Topic:
When It' is Time for Printing and Sharing.

Description:
In this workshop, you will acquire essential skills and techniques to efficiently prepare your drawings for printing and seamless sharing with project collaborators. Through a hands-on approach, you will gain practical knowledge that you can apply immediately.

Why This Workshop:

- **Learning by Doing:** Through engaging exercises, you will learn how to easily set up layouts, create viewports, add scales, apply plot styles, and efficiently print multiple drawings with just a few clicks.

Highlights:

- Setting up Layouts,
- Creating Viewports,
- Applying Plot Styles,
- Learn about PMP File …

Course duration: 4 sessions (45 minute-long)

WORKSHOPS

Improve Your Workflow

REUSABLE CONTENT – WORKING WITH BLOCKS

Topic:
Blocks: Much More Than Grouped Geometry.

Description:
In this workshop, you will explore the essential concepts of working with blocks in AutoCAD. You will learn when and how to create and manage blocks efficiently. Discover the numerous advantages they offer, including faster selection, consistent representation across drawings, and reduced file sizes - all contributing to the optimization of your projects.

Why This Workshop:

- **Learning by Doing:** Through interactive exercises, you will create common symbols used in design projects, such as elevation labels, staking points, doors, windows section marks. By the end of the workshop, you will be able to build your own library.
- **Future-Ready**: By the end of the workshop, we will introduce advanced techniques, offering valuable insights into what is possible beyond the basics. This will prepare you for more complex design challenges ahead.

Highlights:

- Creating Blocks,
- Inserting Blocks,
- Understanding Attributes and Their Role in Blocks….

Course duration: 4 sessions (45 minute-long)

WORKSHOPS

Improve Your Workflow

REUSABLE CONTENT – WORKING WITH BLOCKS AND ATTRIBUTES

Topic:
Beyond Geometry: Mastering Blocks with Attributes.

Description:
In this workshop, you will learn how to make the most of your AutoCAD drawings by incorporating non-graphical information into your blocks. By utilizing attributes, you will improve your design data management, making your drawings more functional and informative.

Why This Workshop:
- **Learning by Doing:** Through hands-on exercises, you will learn how to define and manage attributes, add them to blocks, and extract useful data - such as creating a „staking out" plan in just a few minutes. This will help you enhance your designs, manage data more effectively and keep your drawings organized.
- **Future-Ready**: By the end of the workshop, we will introduce advanced techniques, offering a glimpse into tools which could vastly accelerate and facilitate your day-to day work.

Highlights:
- Define Attributes,
- Insider Tips and Tricks,
- Data Extraction Techniques….

Prerequisites::
Knowledge of AutoCAD blocks fundamentals are recommended.

Course duration: 4 sessions (45 minute-long)

WORKSHOPS

Improve Your Workflow

DYNAMIC BLOCKS

Topic:
Unlocking Flexibility: Mastering Dynamic Blocks.

Description:
In this workshop, you will discover the benefits of dynamic blocks and learn how they can enhance your design process. By the end of the workshop, you will be eager to convert one or two of your static blocks into dynamic ones.

Why this workshop:

- **Learning by Doing**: You will create and edit blocks by adding parameters and actions giving your blocks dynamic properties such as stretch, mirror, array, rotate and align along with a few more to expand your skillset..
- **Future-Ready**: You will be ready to unleash your creativity, with your only limit being your imagination!

Highlights:

- Understanding Dynamic Block Concepts,
- Block Editor and Block Authoring Palette,
- Parameters and Actions,
- Insider Tips and Tricks…

Prerequisites:
Knowledge of AutoCAD blocks is recommended

Course duration: 4 sessions (45 minute-long)

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Why Choose Our ATC?

With over 75 years of innovation and growth, Institut IGH has become a cornerstone of construction development and civil engineering across Central and Southeast Europe.

Our success is driven by dedicated professionals, a commitment to continuous improvement and a passion for passing on knowledge to future generations.

As a natural extension of our expertise, we have joined Autodesk's Learning Partner network as an Autodesk Authorized Training Center (ATC). This certification reflects our dedication to delivering high-quality, instructor-led learning experiences that meet Autodesk's defined standards of excellence.

At our ATC, you will receive hands-on training from certified experts, ensuring you master the tools and techniques essential for success.

Autodesk Authorised Training Centre

ATC Site Authorisation

Autodesk recognises this organisation as an Autodesk Learning Partner and Authorised Training Centre (ATC®). This location is an authorised ATC Site. Authorised Training Centres meet Autodesk's defined standards of excellence for delivering high-quality, instructor-led learning experiences. Autodesk's Learning Partner network is the premier channel for delivering Autodesk product training to educators, students, business, and industry professionals.

Autodesk–the power to design and make a better world for all.

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SITE AUTHORISATION VALID UNTIL: 01 FEBRUARY 2025

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