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 approved DGH

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TRAINING SYLLABUS

GENERATIVE COMPONENTS WORKSHOP

no. of delegates Up to 6 maximum.

description Day 1: This course introduces students to the fundamental concepts of MicroStation V8i Generative Components through practical exercises.
 Day 2: Attendees contribute a problem or concept that they would like to explore in a workshop environment. Problem derivation and planning along with one-to-one guidance immerses the user into GC reality.

prerequisites The ability to unlearn previous concepts and think in a new way.

objectives Attendees will gain a broad but intensive knowledge of GC fundamentals which is developed by the practical exercises and put into real life scenarios in the GC Workshop Day 2.

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| <p>1. DAY 1: INTRODUCTION & PARAMETRIC PRINCIPLES</p> <ul style="list-style-type: none"> • Creating and manipulating geometry • The concept of dependencies • Transaction files • Lists, arrays & series • Spaces • Dimensional space • Data types • Coordinate systems • Spline geometry • Fabrication planning • Exercise 1: Making a Reactive Component | <p>2. DAY 2: APPLICATION OF CONCEPTS</p> <ul style="list-style-type: none"> • Problem derivation into solvable and workable areas. • Using data created by others. <ul style="list-style-type: none"> - Generating feature types - Populating components - Editing features • Fundamentals of scripting language <ul style="list-style-type: none"> - Syntax - Inline statements - ByFunction - Text Editor - Graph functions |
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