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| Course Code | EDU-CAT-E-DRA-A |
| Brand & Release | CATIA V5R17 |
| Duration | 2 days |
| Language | English |
| Level | Advanced |
| Method | ILT |

Training Material References

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| Instructor Foils: EDU-CAT-E-DRA-AI-V5R17 Foils: EDU-CAT-E-DRA-AF-V5R17 Exercises: EDU-CAT-E-DRA-AX-V5R17 |
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Objectives

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| In this class, participants will Benefit from hints and tips on -Interactive drafting - Large assembly drawings -Dimension generation from 3D definitions of parts -Learn how to define standards and re-use existing start-up drawings -Build frames, title & revision blocks from table values with VBScript support The will also learn how to manage drafting standard files. |
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Participants' Profile

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| Experienced drafters |
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Prerequisites

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| V5F: CATIA V5 Fundamentals (EDU-CAT-E-V5F-F - V5R16) |
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Content

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| <p>During this 2-day session you will see</p> <ul style="list-style-type: none"> • Detail review of CATIA drafting tools available in: • DR1: CATIA Drafting 1 Configuration • DP2: CATIA Drawing Production 2 Configuration • Defining Company Drawing Standards (production set) • Setting drawing formats, symbols, start up drawings patterns according to a Company or project standards • Setting and controlling Standard files Applications • Reusing an existing start-up drawings • For a generative drawing: • Advanced filtering techniques (multi-selection of nodes and attributes of views) • Auto-dimensioning and balloons creation • Defining drawing formats (frame) and title block information (with and without macros) • Integrating table values or revision information • Customizing with VBScript • Creating tolerance tables (automation) and managing ditto • Recommended Methodologies for ID1, • Hints and Tips, annotation and dress up tools (dimensions standards, text standards, FD&T standards, center line with and without reference, etc...) |
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Exercises

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| <p>Ex. 1: The Plate (45min) / All sectors Ex. 2: The Pivot (45min) / All sectors Ex. 3: Generating Dimensions (25min) / All sectors Ex. 4: Using filtering techniques (25min) / All sectors Ex. 5: Geometry & Free Text in VB Script (15min) / All sectors Ex. 6: Fill in Title Block (20min) / All sectors</p> |
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