



SolidWorks Training

OUR COMPREHENSIVE TRAINING PROGRAMS
PROVIDE A HANDS-ON LEARNING ENVIRONMENT



CAPINC training programs are developed with our customers in mind; to enhance the design process through hands-on instruction and mentoring by certified instructors.

- Get Certified
- Design Better Products
- Increase Efficiency
- Advance Techniques
- Enhance Design Skills
- Save Time & Money
- Reduce Frustration
- Improve Job Performance

From core functionality through advanced capabilities, CAPINC has a course to fit your level of experience. Anyone can use SolidWorks, but everyone can benefit from professional training.

"The instructors were clear and concise in their teaching methods and were exceptionally helpful in answering questions regarding the software."

-Joshua Rigberg, Origin Product Development

All of our instructors are certified Applications Engineers; bringing design experience and knowledge to the classroom. Many were some of the first to become Certified Elite Engineers recognized worldwide by SolidWorks Corporation.



CAPINC

2 Centennial Drive
Peabody, MA 01960
800.424.2255
www.capinc.com

SolidWorks Training Classes

Core Courses

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| Quickstart
2 days - \$795 | <ul style="list-style-type: none">• For managers, casual users, drafting, documentation, manufacturing, sales and marketing, and other SolidWorks users who are not designers. Also good as a primer for Essentials.• An introductory overview of SolidWorks fundamentals. |
| Essentials
4 days - \$1,295 | <ul style="list-style-type: none">• Our core class, which trains designers and engineers to use SolidWorks as their primary CAD tool.• Capturing design intent with 3D feature-based parametric solid modeling, for part design, assembly creation, and drawing generation.• Designing machined parts, simple plastic and cast parts, editing and troubleshooting of parts. |

Advanced Courses (Essentials is required as a prerequisite)

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| Sheet Metal & Weldments
1 day - \$375 | <ul style="list-style-type: none">• For designers and manufacturers of sheet metal parts and/or welded structures.• Use of sheet metal specific features, predictive flat pattern generation, DXF output.• Automated modeling of welded frameworks, cut list generation, drawings output. |
| Assemblies
2 days - \$795 | <ul style="list-style-type: none">• For designers who work frequently with SolidWorks Assemblies.• Top-down "in-context" assembly design. Layout-based assemblies. Advanced mechanical linkages.• Large assembly management. Editing and troubleshooting assemblies. |
| Drawings
2 days - \$795 | <ul style="list-style-type: none">• For designers, drafters, and documentation specialists who need more customized 2D output.• Creation of special drawing view types and detailing objects. Customization of title blocks, BOM's and templates for company standards. Reusing DXF/DWG. eDrawings is covered in-depth. |
| Advanced Parts
2 days - \$795 | <ul style="list-style-type: none">• For challenging part geometry, advanced shapes, industrial design, mold and die design.• Flexible approach to product design using "master model" technique and multi-body parts.• Advanced fillets/blends. Direct editing of solids.• Explores spline-based geometry (sweep, loft, boundary), a prerequisite for our Surfacing class. |
| Surfacing
2 days - \$995 | <ul style="list-style-type: none">• For surfaces-based approach to solid modeling for advanced shapes and in-depth editing.• Basic and advanced surfacing functions, hybrid surface/solid modeling, surface modeling techniques, and working with imported solids and surfaces. |
| SolidWorks Masterclass
5 days - call for quote | <ul style="list-style-type: none">• For experienced CAD users who need to transfer their skills to SolidWorks as quickly as possible.• Covers Essentials, Advanced Parts, Assemblies, and Drawings topics at a very accelerated pace.• Offered onsite tailored to your company's needs and experience. |

Specialized Courses

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| Simulation
3 days - \$1,995 | <ul style="list-style-type: none">• For designers performing structural analysis integrated with SolidWorks.• Linear static analysis of parts & assemblies, loads & boundary conditions, study setup and meshing options, exploring and interpreting results, report creation.• Also covers solid thermal, natural frequency, linear elastic buckling, drop test, and fatigue studies. |
| Flow Simulation
2 days - \$1,695 | <ul style="list-style-type: none">• For designers performing fluid flow and heat transfer analysis integrated with SolidWorks.• Project setup, boundary conditions, solution goals, meshing options, exploring and interpreting results, report creation. |
| 3DVIA Composer
2 days - \$795 | <ul style="list-style-type: none">• Essential & advanced topics for using 3DVIA Composer to author 2D images, 3D animations, and 3D interactive content based on existing CAD models. |