

SOLIDWORKS Training Information & Pricing

Core SOLIDWORKS CAD Courses

Essentials ✓

Cost: \$1,795/4 Credits

SOLIDWORKS Essentials teaches you how to use the SOLIDWORKS mechanical design automation software to build parametric models of parts and assemblies, and how to make drawings of parts and assemblies.

 4 Day

Includes a bonus self-paced module: A fun, project based video course designed to accompany SOLIDWORKS Essentials. You will use the techniques taught in the SOLIDWORKS Essentials course to complete the project.

 6 Sessions

SKU: TRN - Essentials

★ *Recommended prep course for CSWA, CSWP, CSWE*

Advanced Part Modeling ✓

Cost: \$1,200/3 Credits

 3 Days

 5 Sessions

This course covers multi-body solids, sweeping, splines, and lofting. It is the prerequisite for the Surface Modeling and Mold Design Using SOLIDWORKS courses
Prerequisites: Essentials or CSWA

SKU: TRN - Advanced Part Modeling.

★ *Recommended prep course for CSWP, CSWE*

Drawings ✓

Cost: \$800/2 Credits

 2 Days

 4 Sessions

This course is a comprehensive treatment of how to create engineering drawings of parts and assemblies using SOLIDWORKS software.
Prerequisites: Essentials or CSWA

SKU: TRN - Drawings

★ *Recommended prep course for CSWP, CSWPA-Drawing Tools, CSWE*

 Classroom

 Online

 Self-Paced

✓ Training Pass Available

*Sales Team: Please contact an Engineering Manager or Training & Education Product Manager for scheduling assistance.

**Prices subject to change.

US: 877.266.4469
CAN: 866.587.6803
info@hawkridgesys.com

Assembly Modeling ✓

Cost: \$800/2 Credits



2 Days



4 Sessions

This course is a comprehensive treatment of Assembly Modeling functionality that is not taught in SOLIDWORKS Essentials. Learn best practices approaches and how to maximize assemblies to efficiently and effectively communicate virtual prototypes to your audience.
Prerequisites: Essentials or CSWA

SKU: TRN - Assembly Modeling

★ *Recommended prep course for CSWP, CSWE*

Weldments ✓

Cost: \$500/1 Credits



1 Day



2 Sessions

This course covers how to quickly create welded structures out of extruded members and plate components. Automatically generating cut lists and creating plan views of items. Weld beads, gussets and end caps are also covered.
Prerequisites: Essentials or CSWA

SKU: TRN - Weldments

★ *Recommended prep course for CSWPA-Weldments, CSWE*

Mold Design Essentials ✓

Cost: \$500/1 Credit



1 Day



2 Sessions

This course teaches several mold making techniques, using automatic and manual processes to develop cavity and core components. Using analysis tools to develop optimal parting lines, while checking for draft and undercuts in your geometry. How to import and repair information coming from other 3D platforms.
Prerequisites: Essentials or CSWA, Advanced Part Modeling, & Surface Modeling

SKU: TRN - Mold Design Essentials

★ *Recommended prep course for CSWPA-Mold Making, CSWE*

Surface Modeling ✓

Cost: \$800/2 Credits



2 Days



4 Sessions

This course focuses on consumer product design. Surface modeling techniques, hybrid surface/solid modeling methods, and the interoperability between surfaces and solids are covered. The Advanced Part Modeling course is a prerequisite.
Prerequisites: Essentials or CSWA, and Advanced Part Modeling

SKU: TRN - Surface Modeling

★ *Recommended prep course for CSWPA-Surfacing, CSWE*

Sheet Metal ✓

Cost: \$800/2 Credits



2 Days



3 Sessions

This course covers how to build sheet metal parts using SOLIDWORKS software. Topics include building standalone sheet metal parts, converting parts to sheet metal, and modeling sheet metal parts in the context of an assembly.
Prerequisites: Essentials or CSWA

SKU: TRN - Sheet Metal

★ *Recommended prep course for CSWPA-Sheet Metal, CSWE*

File Management ✓

Cost: \$500/1 Credit



1 Day



2 Sessions

SOLIDWORKS File Management includes explanations of the SOLIDWORKS file structure, file references, file associativity, and how to work in a multi-user environment. File Management is extremely valuable for any SOLIDWORKS user not using a PDM solution but is recommended before taking any SOLIDWORKS PDM Course.
Prerequisites: General experience with SOLIDWORKS and with Windows Operating System

SKU: TRN - File Management



Classroom



Online



Self-Paced



Training Pass Available

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Advanced SOLIDWORKS CAD Courses

Routing - Electrical*

Cost: \$300



Self-Paced

Teaches how to use the Routing component included in SOLIDWORKS Premium to create electrical wires, cables, and wire harnesses. Creating libraries of connectors, wires, and clips is covered. Also how to create peg-board layouts and detailed drawings of harnesses complete with wire cut lengths and a schedule of all connectors, and pin connections is demonstrated.

SKU: TRN - Routing - Electrical:

Routing - Piping and Tubing *

Cost: \$600/ 1.5 Credits



2 Sessions

This course teaches how to use the Routing component included in SOLIDWORKS Premium to create pipes, as well as rigid and flexible tubing. Learn how to use libraries of flanges, tees, valves and reducers to flesh out a fluid route. Also covered is making detailed drawings with a list of components needed to run a route.

Prerequisites: Essentials or CSWA

SKU: TRN - Routing - Piping and Tubing

CircuitWorks

Cost: \$200



Self-Paced

This self-paced training course teaches the basic fundamentals of using the CircuitWorks add-in included with SOLIDWORKS Professional. This allows ECAD systems and SOLIDWORKS to communicate through this translator. PADs, IDF, and IDX files can be converted to 3D models to allow mechanical engineers to incorporate PCB boards and components into their SOLIDWORKS designs. The Self-Paced classes, being recordings, requires that the customer be running SW 2016 or SW 2017.

SKU: OnDemand - CircuitWorks

Advanced Mold Design

Cost: \$300



Self-Paced

This self-paced video course covers the advanced topics of Mold Design Using SOLIDWORKS. As a prerequisite, students taking this course should have completed Mold Design Essentials from Hawk Ridge Systems.

SKU: OnDemand - Advanced Mold Design



Classroom



Online



Self-Paced



Training Pass Available

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SOLIDWORKS PDM Courses

Using SOLIDWORKS PDM*

Cost: \$300/ .5 Credits



½ Session

The focus of this course is on the fundamental skills and concepts central to the successful use of SOLIDWORKS PDM Standard or Professional. The intended audience for this course is anyone who will manage files with SOLIDWORKS PDM Standard or Professional.

Prerequisites: Basic experience with SOLIDWORKS and the Windows operating system, and knowledge of SOLIDWORKS file structure and referencing

SKU: TRN - Using SOLIDWORKS PDM

Administering SOLIDWORKS PDM Professional

Cost: \$1,200/ 4 Credits



2 Days



4 Sessions

Training material will be provided and attendees will participate in training exercises using a PDM Professional vault. The focus of this course is on the fundamental skills and concepts central to the successful administration of SOLIDWORKS PDM Professional. The intended audience is anyone who will setup and/or administer SOLIDWORKS PDM Professional. Includes access to On Demand SOLIDWORKS PDM Professional Admin Training Refresher course for up to 1 year after purchase date.

Prerequisites: Basic experience with SOLIDWORKS and the Windows operating system, and knowledge of SOLIDWORKS file structure and referencing

SKU: TRN - Administering SOLIDWORKS PDM Professional

Administering SOLIDWORKS PDM Standard*

Cost: \$600/2 Credits



2 Sessions

Training material will be provided and attendees will participate in training exercises using a PDM Standard vault. The focus of this course is on the fundamental skills and concepts central to the successful administration of SOLIDWORKS PDM Standard. The intended audience is anyone who will setup and/or administer SOLIDWORKS PDM Standard.

Prerequisites: Basic experience with SOLIDWORKS and the Windows operating system, and knowledge of SOLIDWORKS file structure and referencing

SKU: TRN - Administering PDM Standard

PDM Professional Admin Refresher

Cost: \$250



Self-Paced

Self-paced PDM Professional Admin Refresher: This self-paced training course serves as a refresher to recall key elements of the SOLIDWORKS PDM Professional Administration Course. This Self-Paced class, a recording, requires that the customer be running SW 2017.

SKU: OnDemand - PDM Professional Admin Refresher Training

Self-Paced Using SOLIDWORKS PDM

Cost: \$200



Self-Paced

A self-paced video course focusing on the fundamental skills and concepts central to using SOLIDWORKS PDM successfully.

SKU: TRN - Administering PDM Standard



Classroom



Online



Self-Paced



Training Pass Available

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SOLIDWORKS Technical Communications Courses

SOLIDWORKS Composer - Quick Start/Refresher

Cost: \$250



This self-paced training course teaches the main concepts needed to quickly come up to speed with SOLIDWORKS Composer. The course is designed around a SOLIDWORKS assembly of a remote controlled VW Bug. The car is imported into Composer and used to create exploded views, BOM tables, detail views, balloons, labels, and animations. Publications will be generated in a variety of formats including technical illustrations, high resolution marketing images, AVI movie files, executable player files, and more. Videos for this course were recorded using SOLIDWORKS Composer 2017.

SKU: OnDemand - SOLIDWORKS Composer - Intro

SOLIDWORKS Composer*

Cost: \$1,200/3 Credits



Learn the fundamental skills and concepts to use SOLIDWORKS Composer software to create 2D and 3D output from CAD design data. Discover how to create views such as vector line art and raster images. Explore creating animations that could be used for service/assembly procedures, marketing, training etc. Includes access to Self -Paced SOLIDWORKS Composer - Quick Start/Refresher course for up to 1 year after purchase date.

Prerequisites: Experience with the Windows operating Systems

SKU: SOLIDWORKS Composer

Inspection

Cost: \$300



Learn the fundamental skills and concepts to use SOLIDWORKS INSPECTION software for first article inspections. Reduce the hours spent on QA tasks to minutes and streamline your organization. Imagine having the time to run a first article inspection on every part manufactured. Using OCS (Ocular Character Recognition) use PDF or TIFF images in addition to drawings to create templates for use with your designs. This course builds your knowledge and will allow you to see an immediate return on your investment because of its simplicity.

SKU: OnDemand - Inspection

Visualize*

Cost: \$800/2 Credits



Learn the fundamental skills and concepts to use SOLIDWORKS Visualize and SOLIDWORKS Visualize Professional software to develop stunning photo-realism imagery, video, and VR content from your CAD data. Discover how to create custom cameras, lighting, and appearances. Explore creating interactive imagery that could be used for website content, VR headsets, social media, and other marketing related materials.

Prerequisites: Experience with the Windows operating Systems. Some experience operating a conventional camera

SKU: TRN - Visualize



Classroom



Online



Self-Paced



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SOLIDWORKS Electrical Courses

Electrical Schematic *

Cost: \$1,500/4 Credits



5 Sessions

This class will teach you how to use SOLIDWORKS Electrical to optimize your drawings and designs for manufacturability so you can maximize quality, avoid rework and decrease time to market.

Prerequisites: Basic experience with SOLIDWORKS and the Windows operating system

SKU: TRN - Electrical Schematic

Electrical 3D*

Cost: \$600/1.5 Credits



2 Sessions

This course teaches you how SOLIDWORKS Electrical converts a 2D schematic into a 3D SOLIDWORKS Assembly. We cover basics of how SOLIDWORKS can create an assembly model of a project, complete with components and ducts. Then learn the basics of propagating schematic changes and routing the wires

Prerequisites: Basic experience with SOLIDWORKS and the Windows operating system

SKU:TRN - Electrical 3D

Electrical Advanced*

Cost: \$800/2 Credits



2 Sessions

This class will teach you how to use SOLIDWORKS Electrical at an Advanced level to optimize your knowledge of the tool and your abilities to manipulate SQL to maximize SOLIDWORKS Electrical's effectiveness in your organization.

Prerequisites: SOLIDWORKS Electrical Schematic and SOLIDWORKS Electrical 3D (Recommended to be taken at the same time as Electrical Advanced)

SKU: TRN - Electrical Advanced

Printed Circuit Boards (PCB)*

Cost: \$1,500/4 Credits



3 Days



5 Sessions

In this course students are introduced to the essential features required for the successful creation of a PCB project.

Prerequisites: Basic experience with schematic capture and PC Board Design

SKU: TRN - Printed Circuit Boards (PCB)

SOLIDWORKS Simulation Courses

Intro to SOLIDWORKS Simulation

Cost: \$200



Self-Paced

This self-paced training course serves as an introduction to the Linear Static Stress and Fatigue study types. The covered material includes the entire analysis process from meshing to evaluation of results for parts and assemblies to attain the fundamental skills and concepts to utilize SOLIDWORKS Simulation.

Simulation

Cost: \$1,500/4 Credits



2 Days



4 Sessions

An introductory course on the linear static stress finite element analysis. The covered material includes the entire analysis process from meshing to evaluation of results for parts and assemblies, gap/contact analysis, best practices and others. Prerequisites: SOLIDWORKS Essentials or CSWA and basic mechanical engineering concepts



Classroom



Online



Self-Paced



Training Pass Available

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SKU: OnDemand - Intro to SOLIDWORKS Simulation

Simulation Professional ✓

Cost: \$800/2 Credits



1 Day



2 Sessions

An extension to the linear static finite element analysis focusing on frequency, buckling, heat transfer and thermal stress analyses, drop test, optimization, fatigue and pressure vessel analysis.

Prerequisites: SOLIDWORKS Simulation and knowledge of basic mechanical engineering concepts (recommended)

SKU: TRN - Simulation Professional

Flow Simulation ✓

Cost: \$800/2 Credits



1 Day



2 Sessions

This class is designed to give a comprehensive hands-on overview of the core concepts of doing computational fluid dynamics (CFD) using SOLIDWORKS Flow Simulation. This online class is designed for new users of the Flow Simulation tool, and explores the key elements of performing fluid flow analysis, including model preparation, mesh optimization, heat transfer and result post processing.

Prerequisites: Some experience using SOLIDWORKS

SKU: TRN - Flow Simulation

Flow Simulation - Electronics Cooling* ✓

Cost: \$500/1 Credit



1 Session

This course addresses the capabilities of Flow Simulation that are specific to the analysis of electronic and electric cooling systems. The 3-hour class covers capabilities that are available in every license of SOLIDWORKS Flow Simulation, but a further 30 minutes of bonus content on capabilities available with the SOLIDWORKS Flow Simulation Electronics Cooling (EC) Add-on module is included at the end of the session.

Prerequisites: Flow Simulation

SKU: TRN - Flow Simulation - Electronics Cooling

SKU: TRN - Simulation

Motion*

Cost: \$600



Self-Paced

This course covers SOLIDWORKS Motion analysis techniques in a variety of design situations.

SKU: OnDemand - Motion

Flow Simulation - Rotating Machinery* ✓

Cost: \$500



1 Session

This course addresses the capabilities of Flow Simulation that are specific to the analysis of rotating machinery, like pumps, impellers, turbines and rotors. You'll learn about best practices for setting up these types of models, and unique strategies and considerations specific to this type of analysis.

Prerequisites: Flow Simulation

SKU: TRN - Flow Simulation - Rotation Machinery

Flow Simulation - Industrial Flow* ✓

Cost: \$500/1 Credit



1 Session

This course provides additional information about some of the strategies and techniques that are common in industrial flow applications – flow through valves, heat exchangers, filters, and a range of other industrial processes. This 3-hour course extends the basic skills developed in the SOLIDWORKS Flow Simulation online course.

Prerequisites: Flow Simulation

SKU: TRN - Flow Simulation - Industrial Flow



Classroom



Online



Self-Paced



Training Pass Available

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Simulation Premium - Nonlinear* ✓

Cost: \$800/2 Credits



2 Sessions

This course is designed to teach the SOLIDWORKS Simulation tool to include the use of nonlinear material types, and nonlinear material models. The user will be exposed to a number of typical analysis situations, and learn advanced techniques specific to nonlinear analysis.
Prerequisites: SOLIDWORKS Simulation and knowledge of basic mechanical engineering concepts (recommended)

SKU: TRN - Simulation Premium - Nonlinear

Simulation Premium - Dynamics* ✓

Cost: \$800/2 Credits



2 Sessions

This course is designed to extend the user's knowledge of the SOLIDWORKS Simulation tool to include the use of dynamic analysis tools - for time dependent, frequency dependent, and random vibration dynamic situations. The SOLIDWORKS Simulation user will learn techniques, tips and strategies relative to dynamic analysis.
Prerequisites: SOLIDWORKS Simulation and knowledge of basic mechanical engineering concepts (recommended). Knowledge of basic principles in vibrations is strongly recommended

SKU: TRN: Simulation Premium - Dynamics

Plastics - Part Validation ✓

Cost: \$800/2 Credits



1 Day



2 Sessions

This course is designed to teach the core skills required to use SOLIDWORKS Plastics in a part design environment. You will learn the essential steps of performing a filling analysis: meshing, setting processing parameters, and reviewing results for manufacturability or potential defects. Topics covered include predicting and addressing air traps, short shots, sink marks, and shrinkage/warpage in order to optimize part design and material selection.
Prerequisites: SOLIDWORKS Essentials and a fundamental knowledge of plastic materials, plastic part design, and/or injection mold design

SKU: TRN: Plastics - Part Validation

Plastics - Mold Validation ✓

Cost: \$800/2 Credits



1 Day



2 Sessions

This course is designed to build upon SOLIDWORKS Plastics - Part Validation for engineers involved with the design of injection mold tools. Attendees will learn supplemental skills for performing a more comprehensive molding simulation and validating features such as runner systems and cooling lines. Topics include gate analysis, runner balancing, and cooling line analysis for improved prediction of cycle time and part warpage.
Prerequisites: SOLIDWORKS Essentials and a fundamental knowledge of plastic materials, plastic part design, and/or injection mold design

SKU: TRN - Mold Validation



Classroom



Online



Self-Paced



Training Pass Available

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CAM Training

CAM 2.5 Axis Milling & Turning ✓

Cost: \$1,200/3 Credits



3 Days



5 Sessions

This class teaches the essential skills for using the SOLIDWORKS CAM and CAMWorks 2.5 Axis Milling software. Learn CAM essentials and User Interface, Automatic Feature Recognition and Operation Modification, Interactive Feature Recognition, Interactive Operations, Pattern Features, Advanced Features and Operations, Customizing the Technology Database, Considerations for Waterjet – Plasma – Laser, and Tolerance Based Machining. This will also cover all of the basic turning functions to program a CNC lathe.

Prerequisites: General knowledge of computers and a Microsoft Windows operating system as a user. Experience using CNC equipment. Solid modeling experience a plus

SKU: TRN - CAM 2.5 Axis Milling & Turning

CAMWorks Multi-Axis Mill* ✓

Cost: \$1,750/4.5 Credits



5 Sessions

This class teaches how to use CAMWorks for programming multi-axis CNC machines. Learn how to make toolpaths for complex shapes that cannot be machined using a 3 axis machine. This is for more complex processes such as undercut machining and complex rotary and tilting applications.

Prerequisites: CAMWorks 3 Axis Mill

SKU: TRN - CAMWorks Multi-Axis Mill

CAMWorks NESTINGWorks

Cost: \$200



Self-Paced

This self-paced training course will walk through how to use NESTINGWorks, a true-shape nesting program that works seamlessly within the SOLIDWORKS interface. The course explains how to create efficient layouts of metal, wood, or composite based materials, producing the maximum number of parts from a single piece of raw material within minutes.

SKU: OnDemand - CAMWorks NESTINGWorks

CAMWorks 3 Axis Mill ✓

Cost: \$600/1.5 Credits



1 Day



2 Sessions

This class teaches the essential skills for using the CAMWorks 3 Axis software solution. Learn the basic interface and how to generate tool-paths, change tools and then posting the G-code.

Prerequisites: CAM 2.5 Axis Milling & Turning

SKU: TRN - CAMWorks 3 Axis Mill

CAMWorks Multi-Task Mill Turn* ✓

Cost: 1,500/4 Credits



4 Sessions

This class teaches how to use CAMWorks to program multi-tasking machining centers. Learn CAMWorks 2 and 4 Axis multi-tasking software for programming CNC Mill-Turn machines. CAMWorks Mill-Turn multifunction machining includes milling and turning capabilities within the same machine.

Prerequisites: CAM 2.5 Axis Milling & Turning

SKU: TRN - CAMWorks Multi-Task Mill Turn

Getting Started SOLIDWORKS CAM

Cost: \$150



Self-Paced

This class teaches the essential skills for using CAMWorks software. Learn the basic interface and how to generate tool-paths, change tools and post CNC g-code. This will cover all of the basic turning functions to program a CNC lathe.

SKU: OnDemand - Getting Started SOLIDWORKS CAM



Classroom



Online



Self-Paced



Training Pass Available

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CAMWorks Wire EDM

Cost: \$500



This self-paced training course teaches 2 and 4 Axis Contour operations which automatically generate rough, skim and tab cuts on machinable features. Using knowledge based machining techniques the user will learn how to apply best practices to their programmable part. The Self-Paced classes, being recordings, requires that the customer be running SW 2016 or SW 2017.

SKU: OnDemand - CAMWorks Wire EDM

CAMWorks 2.5 Axis - Quick Start

Cost: FREE



This self-paced training course introduces the programming process for 2.5 Axis milling procedures. The user will learn both Automatic and Interactive feature recognition, as well as a quick walk through of operation parameters for common toolpaths. Using knowledge based machining techniques the user will learn how to apply best practices to their programmable part. The Self-Paced classes, being recordings, requires that the customer be running SW/CW 2016 or SW/CW 2017.

SKU: OnDemand - CAMWorks 2.5 Axis - Quick Start

DriveWorks Training

DriveWorks Professional*

Cost: \$1,800/4.5 Credits

DriveWorks Pro training consists of two heavily hands-on classes in one: 1) DriveWorks Pro Essentials; and 2) DriveWorks Pro Advanced. DriveWorks Pro Essentials leaves students with a fundamental working proficiency of DriveWorks Pro which includes: capturing data to automate, rule building, GUI design, file pathing, internal data tables, dynamic file replacement, quotation documents, drawings and customizing specification workflows. DriveWorks Pro Advanced covers a selection set of advanced DriveWorks topics which include: advanced form controls, child specifications, specification macros, external data tables, rollup data tables, hierarchical form control properties, macro buttons and generation tasks.

Prerequisites: SOLIDWORKS Essentials or Certified SOLIDWORKS Associate (CSWA), use of DriveWorks for a minimum of 3 weeks prior to course start, and working knowledge of Microsoft Excel are required. Programming language experience and completion of free DriveWorks Solo Training and is a plus. <https://hub.driveworks.co.uk/training/solo-training-material/>

SKU: TRN - DriveWorks Professional



Classroom



Online



Self-Paced



Training Pass Available

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Training Passes ✓

See individual Training Pass flyers for details

Looking to upgrade your skills? Choose one of our four training passes! All passes are designed for a single student and good for 12 months from purchase. Students may register for many of their courses in one of our classroom locations or in our online classroom. Passes do not include self-paced courses.

Empowerment Pass

\$7,400 without pass

Comprehensive SOLIDWORKS Training Program
Choose any or all of the core SOLIDWORKS classes. Nine (9) total classes to choose from.

★ *Recommended prep courses for CSWA, CSWP, CSWE*

\$2,995

Over 60% SAVINGS

Empowerment Pass CE

Up to \$3,600 without pass

SOLIDWORKS Continuing Education Package
Choose any four (4) core SOLIDWORKS courses (excluding Essentials).

★ *Recommended prep courses for CSWP, CSWE*

\$1,995

Up to 45% SAVINGS

CAM Pass

\$5,550 without pass

Choose to attend any combination of our CAM courses in our classroom or online.

\$2,495

Over 50% SAVINGS

Simulation Pass

Up to \$1,600 without pass

Attend any two of the following Simulation courses; Simulation Professional, Simulation Premium: Nonlinear, Simulation Premium: Dynamics, Plastics: Part Validation, Plastics: Mold Validation, Flow Simulation, Flow: Rotating Machinery, Flow: Electronics Cooling, or Flow: Industrial Flow.

\$1,000

Up to 37% SAVINGS

Credit Blocks

See Credit Block flyer for details

Available Blocks	Block Cost	Average Savings
15 Credits	\$5,250	over 15%
25 Credits	\$8,125	over 20%
50 Credits	\$15,000	over 27%
75 Credits	\$20,625	over 33%

Private & Tailored Training

Cost

Please contact an Engineering Manager or Training Product Manager for quoting assistance. Pricing will vary depending on course selection, location, and number of students.

Per Quote



Classroom



Online



Self-Paced



Training Pass Available

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★SOLIDWORKS CERTIFICATIONS★

SOLIDWORKS offers a number of certifications to those proficient at various levels of using its tools. Below is a list of the primary certifications along with a timeline of recommended prep courses. For details on these and other certifications offered by SOLIDWORKS visit the [Certification Catalog](#).

CSWA: Certified SOLIDWORKS Associate

The CSWA certification is proof of your SOLIDWORKS expertise with cutting-edge skills that businesses seek out and reward. *Included with Software Subscription*

CSWP: Certified SOLIDWORKS Professional

Each CSWP has proven their ability to design and analyze parametric parts and moveable assemblies using a variety of complex features in SOLIDWORKS software. *Included with Software Subscription*

CSWP Advanced Exams

The following exams focus on specific areas within SOLIDWORKS. Successful completion of the exam demonstrates an ability to use these tools found within the SOLIDWORKS environment. *Included with Software Subscription*

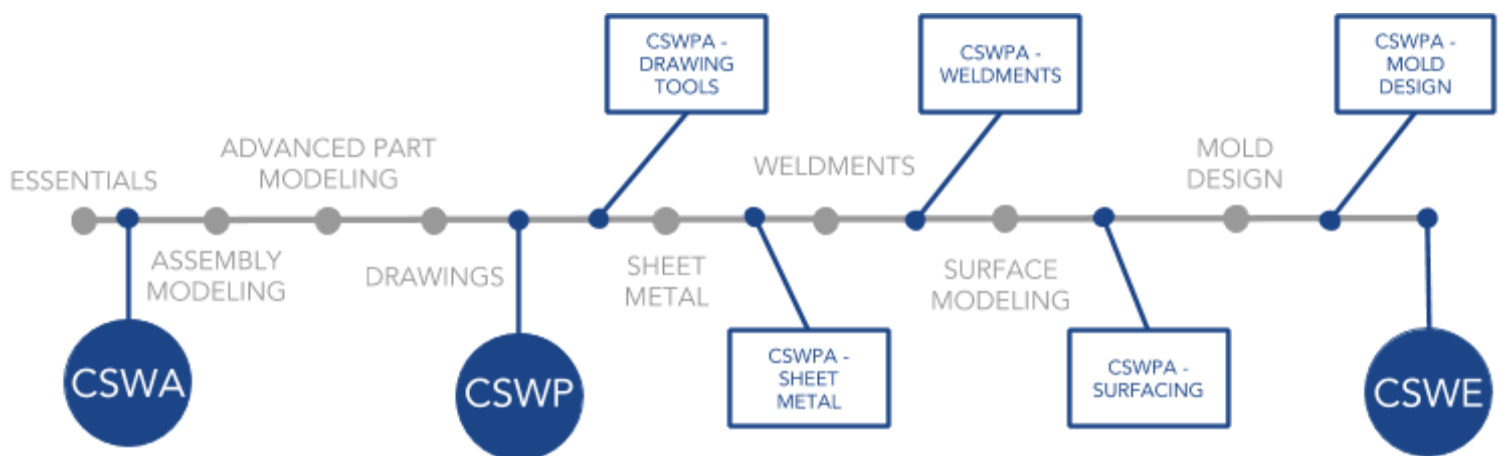
- CSWPA - DRAWING TOOLS
- CSWPA - SHEET METAL
- CSWPA - WELDMENTS
- CSWPA - SURFACING
- CSWPA - MOLD DESIGN

CSWE: Certified SOLIDWORKS Expert

A CSWE will be well rounded in their knowledge of all areas of the SOLIDWORKS software. A CSWE is able to solve practically any modeling problem given to them, and is traditionally the go-to SOLIDWORKS user among their colleagues.

To qualify to take the CSWE exam, a candidate must have:

- Successfully passed the CSWP exam
- Successfully passed at least four of the CSWP advanced topic exams listed above.



Classroom



Online



Self-Paced



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