

SOLIDWORKS Training Information & Pricing



Core SOLIDWORKS CAD Courses

Essentials

Prerequisites: General knowledge of computers and a Microsoft Windows operating system as a user. Experience and/or education in mechanical design or engineering. Solid modeling experience is a plus.

\$1,795

4 credits

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



4 Days



6 Sessions

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

SKU: TRN - Essentials

! Recommended prep course for CSWA, CSWP, CSWE

Advanced Part Modeling

Prerequisites: Essentials or CSWA

\$1,200

3 credits

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



3 Days



5 Sessions

SKU: TRN - Advanced Part Modeling

! Recommended prep course for CSWP, CSWE

Drawings

Prerequisites: Essentials or CSWA

\$800

2 credits

This course is a comprehensive treatment of how to create engineering drawings of parts and assemblies using SOLIDWORKS software.



2 Days



4 Sessions

SKU: TRN - Drawings

! Recommended prep course for CSWP, CSWPA=Drawing Tools, CSWE

Assembly Modeling

Prerequisites: Essentials or CSWA

\$800

2 credits

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.



2 Days



4 Sessions

SKU: TRN - Assembly Modeling

! Recommended prep course for CSWP, CSWE



Classroom



Online



Self-Paced



Training Pass Available

*Prices subject to change.



United States: 877.266.4469
Canada: 866.587.6803



www.hawkridgesys.com



hawk@hawkridgesys.com

Surface Modeling

Prerequisites: Essentials or CSWA, and Advanced Part Modeling

\$800

2 credits

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.



2 Days



4 Sessions

SKU: TRN - Surface Modeling

! Recommended prep course for CSWPA-Surfacing, CSWE

Weldments

Prerequisites: Essentials or CSWA

\$500

1 credit

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.



1 Day



2 Sessions

SKU: TRN - Weldments

! Recommended prep course for CSWPA-Sheet Metal, CSWE

Sheet Metal

Prerequisites: Essentials or CSWA

\$800

2 credits

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.



2 Days



3 Sessions

SKU: TRN - Sheet Metal

! Recommended prep course for CSWPA-Sheet Metal, CSWE

Mold Design Essentials

Prerequisites: Essentials or CSWA, Advanced Part Modeling, & Surface Modeling

\$500

1 credit

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.



1 Day



2 Sessions

SKU: TRN - Mold Design Essentials

! Recommended prep course for CSWPA-Mold Making, CSWE

File Management

Prerequisites: General experience with SOLIDWORKS and with Windows Operating System

\$500

1 credit

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



1 Day



2 Sessions

SKU: TRN - File Management



Classroom



Online



Self-Paced



Training Pass Available

Advanced SOLIDWORKS CAD Courses

Routing: Piping and Tubing

Prerequisites: Essentials or CSWA

\$600

1.5 credits

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.

 3 Sessions

SKU: TRN - Routing - Piping and Tubing

Routing: Electrical

Prerequisites: Essentials or CSWA

\$300

1 credit

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.

 Self-Paced

SKU: TRN - Routing - Electrical

CircuitWorks

Prerequisites: Experience using SOLIDWORKS

\$200

This is a course to teach 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, & IDX files can be converted to 3D models to allow mechanical engineers to incorporate PCB boards and components into their SOLIDWORKS designs.

 Self-Paced

SKU: OnDemand - CircuitWorks

Advanced Mold Design

Prerequisites: Mold Design Essentials

\$300

1 credit

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.

 Self-Paced

SKU: OnDemand - Advanced Mold Design



Classroom



Online



Self-Paced



Training Pass Available

SOLIDWORKS Simulation Courses

Simulation

Prerequisites: SOLIDWORKS Essentials or CSWA and basic mechanical engineering concepts.

\$1,500
4 credits

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.



2 Days



4 Sessions

Includes access to Self-Paced Introduction to SOLIDWORKS Simulation for up to 1 year after purchase date.

SKU: TRN - Simulation

Simulation Professional

Prerequisites: SOLIDWORKS Essentials or CSWA and basic mechanical engineering concepts.

\$800
2 credits

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.



1 Day



2 Sessions

SKU: TRN - Simulation Professional

Simulation Premium: Nonlinear

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

\$800
2 credits

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.



2 Sessions

SKU: TRN - Simulation Premium - Nonlinear

Simulation Premium: Dynamics

Prerequisites: SOLIDWORKS Simulation and knowledge of basic mechanical engineering concepts (recommended). Knowledge of basic principles in vibrations is strongly recommended.

\$800
2 credits

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.



2 Sessions

SKU: TRN: Simulation Premium - Dynamics



Classroom



Online



Self-Paced



Training Pass Available

Flow Simulation

Prerequisites: Some experience using SOLIDWORKS

\$800
2 credits

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.



1 Day



2 Sessions

SKU: TRN - Flow Simulation

Flow Simulation: Rotating Machinery

Prerequisites: Flow Simulation

\$500
1 credit

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.



1 Session

SKU: TRN - Flow Simulation - Rotating Machinery

Flow Simulation: Electronics Cooling

Prerequisites: Flow Simulation

\$500
1 credit

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.



1 Session

SKU: TRN - Flow Simulation - Electronics Cooling

Flow Simulation: Industrial Flow

Prerequisites: Flow Simulation

\$500
1 credit

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.



1 Session

SKU: TRN - Flow Simulation - Industrial Flow



Classroom



Online



Self-Paced



Training Pass Available

Plastics: Part Validation

Prerequisites: SOLIDWORKS Essentials and a fundamental knowledge of plastic materials, plastic part design, and/or injection mold design

\$800
2 credits

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.



1 Day



2 Sessions

SKU: TRN: Plastics - Part Validation

Plastics: Mold Validation

Prerequisites: Plastics - Part Validation

\$800
2 credits

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.



1 Day



2 Sessions

SKU: TRN - Mold Validation

Introduction to SOLIDWORKS Simulation

Prerequisites: Some experience using SOLIDWORKS

\$200

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.



Self-Paced

SKU: OnDemand - Intro to SOLIDWORKS Simulation

Motion

Prerequisites: Essentials or CSWA, and Assembly Modeling

\$600
2 credits

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



Self-Paced

SKU: OnDemand - Motion



Classroom



Online



Self-Paced



Training Pass Available

SOLIDWORKS Data Management Courses

Administering SOLIDWORKS PDM Professional

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

\$1,200
4 credits

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.



2 Days



4 Sessions

Includes access to Self-Paced SOLIDWORKS PDM Professional Admin Training Refresher and Self-Paced Using PDM courses and for up to 1 year after purchase date.

SKU: TRN - Administering SOLIDWORKS PDM Professional

Administering SOLIDWORKS PDM Standard

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

\$600
2 credits

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. Includes access to Self-Paced SOLIDWORKS PDM Professional Admin Training Refresher and Self-Paced Using PDM courses and for up to 1 year after purchase date.



2 Sessions

SKU: TRN - Administering PDM Standard

PDM Professional Admin Refresher

Prerequisites: Administering SOLIDWORKS PDM Professional

\$250

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.



Self-Paced

SKU: OnDemand - PDM Professional Admin Refresher Training

Using SOLIDWORKS PDM

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

\$300
0.5 credit

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.



1 Session

SKU: TRN - Using SOLIDWORKS PDM

Self-Paced Using SOLIDWORKS PDM

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

\$200

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



Self-Paced

SKU: TRN - Administering PDM Standard



Classroom



Online



Self-Paced



Training Pass Available

SOLIDWORKS Technical Communications & Visualization Courses

SOLIDWORKS Composer

Prerequisites: Experience with the Windows Operating System

\$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.



3 Sessions

SKU: SOLIDWORKS Composer

SOLIDWORKS Composer: Quick Start/Refresher

Prerequisites: Experience with the Windows Operating System

\$250

This self-paced training course teaches the main concepts needed to quickly come up to speed with SOLIDWORKS Composer. Videos for this course were recorded using SOLIDWORKS Composer 2017.



Self-Paced

SKU: OnDemand - SOLIDWORKS Composer - Intro

Inspection

Prerequisites: General experience with Engineering CAD Drawings and with Microsoft Excel

\$300

1 credit

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. Using OCS (Optical Character Recognition) use PDF or TIFF images in addition to drawings to create templates for use with your designs.



Self-Paced

SKU: OnDemand - Inspection

Visualize

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

\$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.



3 Sessions

SKU: TRN - Visualize



Classroom



Online



Self-Paced



Training Pass Available

SOLIDWORKS CAM & CAMWorks Courses

CAM Standard: 2.5 Axis Mill

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

\$800
2 credits

This course teaches how to use the SOLIDWORKS/CAMWorks CAM software to generate, modify and post process 2.5 axis milling toolpaths used for the machining of SOLIDWORKS part files.



2 Days

Includes access to Self-Paced CAMWorks 2.5 Axis QuickStart course for up to 1 year after purchase date.



4 Sessions

SKU: TRN - CAM Standard: 2.5 Axis Mill

CAM Professional: Advanced Functionality & Turning

Prerequisites: CAM Standard: 2.5 Axis Mill

\$800
2 credits

This course teaches how to use the SOLIDWORKS/CAMWorks software to machine parts utilizing advanced functionality such as: CAM or SOLIDWORKS configurations, VoluMill™, mill machining in the context of an assembly, and 3 plus 2 machining. Additionally, the course teaches how to generate, modify and post process 2 axis turning toolpaths used for the machining of SOLIDWORKS part files.



2 Days



4 Sessions

SKU: TRN - CAM Professional: Advanced Functionality & Turning

CAMWorks 3 Axis Mill

Prerequisites: CAM Standard: 2.5 Axis Mill

\$600
1.5 credits

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.



1 Day

SKU: TRN - CAMWorks 3 Axis Mill



2 Sessions

CAMWorks Multi-Task Mill Turn

Prerequisites: CAM Standard: 2.5 Axis Mill

\$1,500
4 credits

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.



2 Days



4 Sessions

SKU: TRN - CAMWorks Multi-Task Mill Turn



Classroom



Online



Self-Paced



Training Pass Available

CAMWorks Multi-Axis Mill (4 & 5 Axis Simultaneous)

Prerequisites: CAM Standard: 2.5 Axis Mill

\$1,750
4.5 credits

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.



3 Days



5 Sessions

SKU: TRN - CAMWorks Multi-Axis Mill

CAMWorks Wire EDM

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

\$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.



Self-Paced

SKU: OnDemand - CAMWorks Wire EDM

CAMWorks NESTINGWorks

\$200

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.



Self-Paced

SKU: OnDemand - CAMWorks NESTINGWorks

CAMWorks 2.5 Axis - Quick Start

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.



Self-Paced

SKU: OnDemand - CAMWorks 2.5 Axis - Quick Start



Classroom



Online



Self-Paced



Training Pass Available

SOLIDWORKS Electrical & PCB Courses

Electrical Schematic

Prerequisites: Basic experience with SOLIDWORKS and the Windows operating system

\$1,500
4 credits

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.

 5 Sessions

SKU: TRN - Electrical Schematic

Electrical 3D

Prerequisites: Basic experience with SOLIDWORKS and the Windows operating system

\$600
1.5 credits

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

 2 Sessions

SKU: TRN - Electrical 3D

Electrical Advanced

Prerequisites: SOLIDWORKS Electrical Schematic and SOLIDWORKS Electrical 3D

\$800
2 credits

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.

 2 Sessions

SKU: TRN - Electrical Advanced

Printed Circuit Boards (PCB)

Prerequisites: Basic experience with schematic capture and PC Board Design

\$600
2 credits

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

 3 Days

SKU: TRN - Printed Circuit Boards (PCB)

 5 Sessions



Classroom



Online



Self-Paced



Training Pass Available

DriveWorks Courses

DriveWorks Professional

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/>

\$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.

 6 Sessions

SKU: TRN - DriveWorks Professional

Training Passes

See Training Package pages on our website for details

Looking to upgrade your skills? Choose one of our six 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

\$2,995
Over 60% SAVINGS

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

Your cost \$7,400
without pass

SKU: TRN - Empowerment Pass

Empowerment Pass CE

\$1,995
Up to 45% SAVINGS

SOLIDWORKS Continuing Education Package
Choose any four (4) core SOLIDWORKS courses (excluding Essentials), Routing: Piping & Tubing, Visualize, or CAMStandard: 2.5 Axis Mill

Your cost, up to \$3,600
without pass

SKU: TRN - Empowerment Pass CE



Classroom



Online



Self-Paced



Training Pass Available

SOLIDWORKS Connection Pass

\$1,995

Up to 33% SAVINGS

A Shift to SOLIDWORKS Training Program
Includes SOLIDWORKS Essentials plus one (1) designated core SOLIDWORKS course: Drawings, Advanced Part Modeling, Assembly Modeling, Sheet Metal, Weldments, or File Management.

Your cost, up to \$2,995
without pass

SKU: TRN - SOLIDWORKS Connection Pass

SOLIDWORKS Connection Pass with Simulation

\$2,995

Up to 33% SAVINGS

A Shift to SOLIDWORKS Training Program
Includes SOLIDWORKS Essentials and Simulation courses, plus one (1) designated core SOLIDWORKS class: Drawings, Advanced Part Modeling, Assembly Modeling, Sheet Metal, Weldments, or File Management.

Your cost, up to \$4,495
without pass

SKU: TRN - SOLIDWORKS Connection Pass with Simulation

CAM Pass

\$2,495

Over 50% SAVINGS

A Comprehensive CAM Training Program
Choose to attend any combination of our CAM courses in our classroom or online.

Your cost, \$5,550
without pass

SKU: CAM Training Pass

Simulation Pass

\$1,795

Up to 22% SAVINGS

SOLIDWORKS Simulation Training Program
Attend both the Simulation and Simulation Professional courses. Includes access to our self-paced Introduction to Simulation course.

Your cost, \$2,300
without pass

SKU: TRN - Simulation Training Pass

Simulation Pass CE

\$1,000

Up to 37% SAVINGS

Simulation Continuing Education Package
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.

Your cost, up to \$1,600
without pass

SKU: TRN - Simulation Training Pass CE



Classroom



Online



Self-Paced



Training Pass Available

Credit Blocks

See Training Package pages on our website for details

Available Blocks	Block Cost	Average Savings
15 Credits SKU: TRN - Company Training Credit Block - 15 Credits	\$5,250	Over 15%
25 Credits SKU: TRN - Company Training Credit Block - 25 Credits	\$8,125	Over 20%
50 Credits SKU: TRN - Company Training Credit Block - 50 Credits	\$15,000	Over 27%
75 Credits SKU: TRN - Company Training Credit Block - 75 Credits	\$20,625	Over 33%

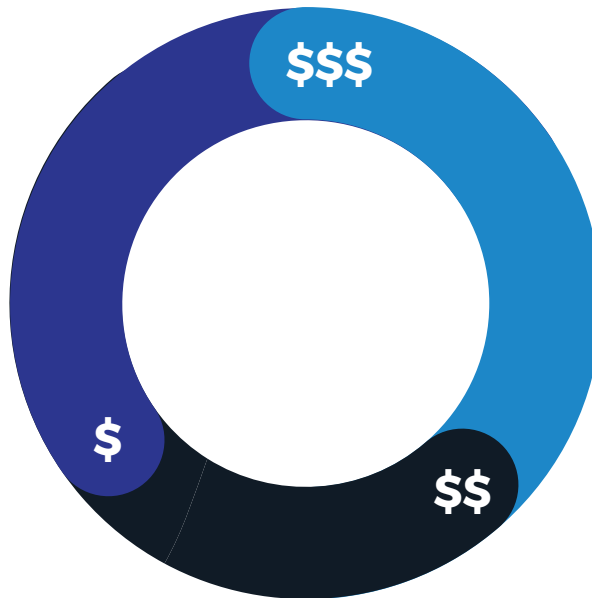
Private & Tailored Training

Cost: Per Quote

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

CALENDAR TRAINING

Find a course online or in one of our classrooms published on our website. These classes are open for registration to anyone with a purchased training seat, pass, or credit block. Happy learning!



TAILORED TRAINING

Does a mashup of our standard courses sense for your team? Connect with us and we'll work with you to determine the right recipe for training. These classes are held privately. Limitations apply.

PRIVATE TRAINING

Looking to attend one of our standard courses in a private setting for just your team? Training can be delivered online, in our office or yours. Limitations apply.

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.

