ENGIWORKS
Invent, Design, Make, Automate & Educate

SOLIDWORKS Training Catalog

3S SOLIDWORKS

AUTHORIZED
Reseller

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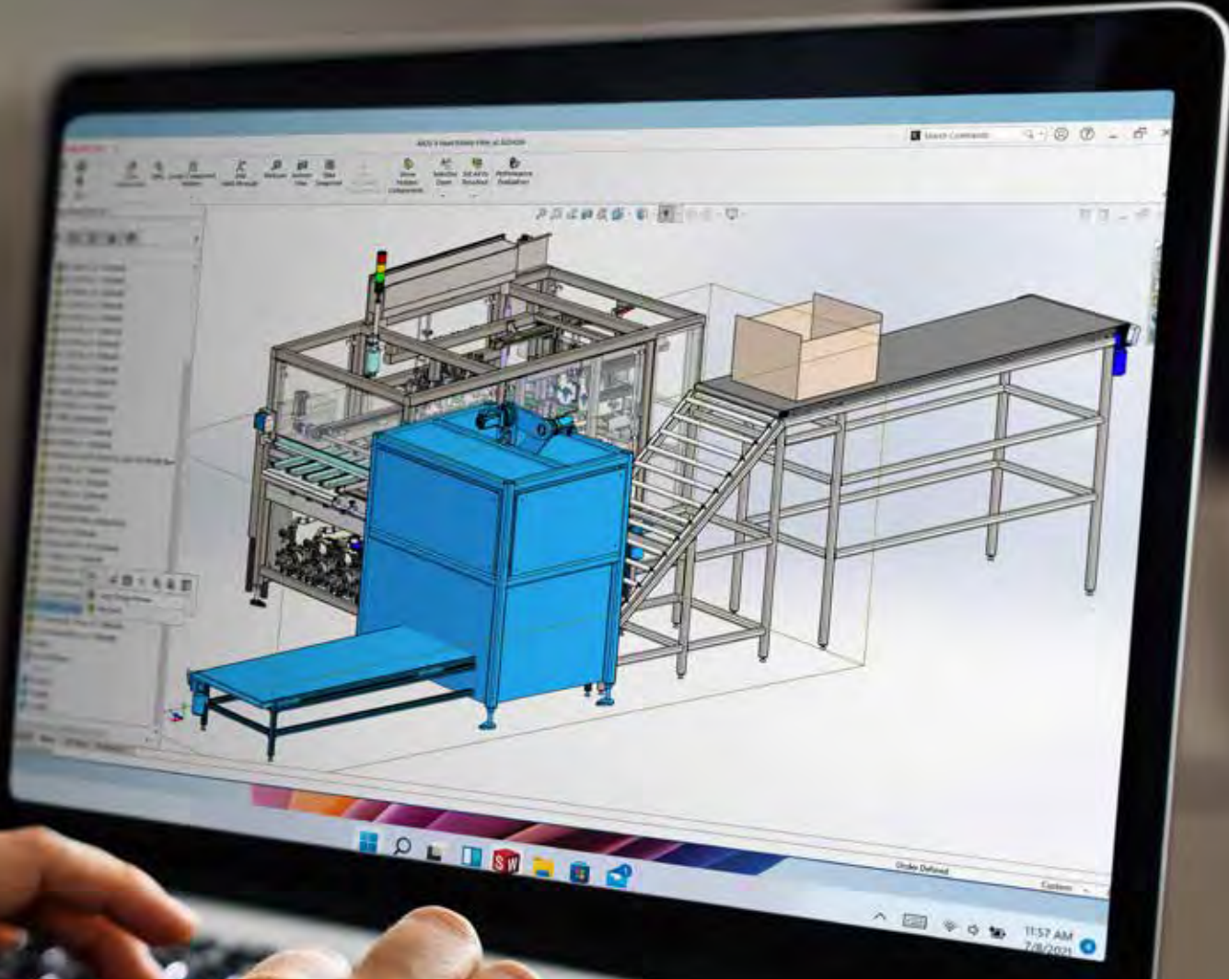
IMPROVE
Your Business

Training your team can dramatically improve your business. After taking training customers have realized a 50% to 90% reduction in their design time because team members are able to use SOLIDWORKS software more effectively:

MAINTAIN
Best Practices

SOLIDWORKS is always changing, with over 250 new enhancements added every year your team needs to develop their skill set in order to maintain best practices and be effective

ADVANCE
Your Team

Advance the careers of your team members and gain new business with a SOLIDWORKS Certification. With 19 certification programs to choose from, including industry specific designations, there is a certification program designed for your business.
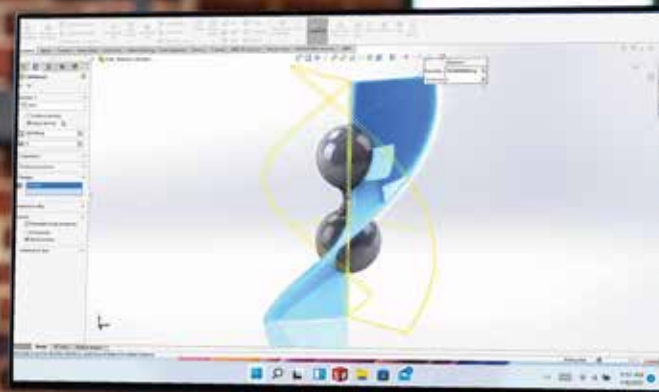
Training Methods Offerings

SOLIDWORKS Online Training

Engiworks provides the same effective training experience you receive from a in-person training. During the training session, you can get help by virtually raising your hand via the online training system, and privately chatting with the instructor.

On-Site Training

Private training provides the same effective training experience you receive from our online training, only it's held privately at your facility. This collaborative learning environment allows you to bring your employees up to a consistent level of knowledge by having them take the same training at the same time. In this setting, employees are able to share questions and experiences.

SOLIDWORKS Essentials

Duration: 4 Days (8 hours/day)

By quickly getting up to speed, as well as using best modeling practices, the Essentials course ultimately ensures maximum efficiency and productivity for all SOLIDWORKS users. New CAD users, seasoned users of other CAD systems and veteran SOLIDWORKS users can all benefit from Essentials training. Real life case studies are used to illustrate processes, teaching everything you need to know for building parametric models of parts and assemblies, and making drawings of those parts and assemblies.

Prerequisites:

- Mechanical or Industrial design experience

- Experience with Windows™ operating sistem

SOLIDWORKS Assembly Modeling

Duration: 3 Days (8 hours/day)

The Assembly Modeling course is a must for anyone who wants to master the use of SOLIDWORKS for creating and using assemblies. You will learn how to parametrically relate different components in the context of an assembly, master the art of creating and managing all types of mates, save time designing complex mechanisms, create multiple variations of your design, perform quick selections of components, and become confident working fast with large assemblies.

Prerequisites:

- Mechanical or Industrial design experience

SOLIDWORKS Advanced Part Modeling

Duration: 3 Days (8 hours/day)

The Part Modeling course is for SOLIDWORKS users who need to create complex parts or just want to become more productive. You will learn how to use Boolean operations in multi-body parts in order to save time, build master models for parametrically driving whole projects from a unique location, reverse-engineer complex models using just a couple of pictures, and master along the way the most advanced solid features, including sweeps, lofts, boundaries, and everything there is to know about fillets.

Prerequisites:

- SOLIDWORKS Essentials Training

- Experience with SOLIDWORKS design software

SOLIDWORKS Drawings

Duration: 3 Days (8 hours/day)

The SOLIDWORKS Drawings course focuses in-depth on creating and managing complex drawings of SOLIDWORKS models (parts and assemblies) using the ANSI standards. You will learn how to quickly create and detail any type of drawing views, insert parametric Bill of Materials, Cut-Lists or other parametric data tables, customize drawing sheets and create smart title blocks. A special lesson is dedicated to quick and easy management of large assemblies drawings.

Prerequisites:

- SOLIDWORKS Essentials Training

- Experience with SOLIDWORKS design software

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SOLIDWORKS Sheet Metal

Duration: 2 Days (8 hours/day)

The SOLIDWORKS Sheet Metal course is designed for users who need to learn how to model sheet metal parts that will be bent in a press brake. You will learn how to build complex sheet metal models (stand-alone or multibody) by using the various flange features or by converting solid bodies directly into sheet metal parts, apply forming tools, create flat patterns, and detail everything in SOLIDWORKS drawings.

Prerequisites:

- SOLIDWORKS Essentials Training

- Experience with SOLIDWORKS design software

SOLIDWORKS Weldments

Duration: 2 Days (8 hours/day)

Mastering the SOLIDWORKS Weldments environment provides you time savings of up to 90% compared to the traditional assembly workflows, for any user who designs structures made out of components with constant profiles. The knowledge you will gain can be applied to various applications, such as welded structures, wood decks, fences, stairs or railings. As a bonus, using Weldments allows you to rapidly analyse very large structures with much lower computational resources using SOLIDWORKS Simulation.

Prerequisites:

- SOLIDWORKS Essentials Training

- Experience with SOLIDWORKS design software

SOLIDWORKS Simulation

Duration: 3 Days (8 hours/day)

This course is designed to make SOLIDWORKS users productive more quickly with the SOLIDWORKS Simulation Bundle. This course will provide in-depth coverage of the basisc of Finite Element Analysis (FEA), covering the entire analysisi process form meshing to evaluation of results for parts and assemblies. The course discusses linear stress analysis, gap/-contact analysis, and best practices.

Prerequisites:

- SOLIDWORKS Essentials Training

- Experience with SOLIDWORKS design software

SOLIDWORKS CAM Standard

Duration: 3 Days (8 hours/day)

The SOLIDWORKS CAM Standard training course is a self-paced training course that teaches how to use the SOLIDWORKS CAM Standard software to generate, modify, and post process 2.5 axis milling toolpaths used for the machining of SOLIDWORKS part files.

Prerequisites:

- SOLIDWORKS Essentials Training

- Experience with SOLIDWORKS design software
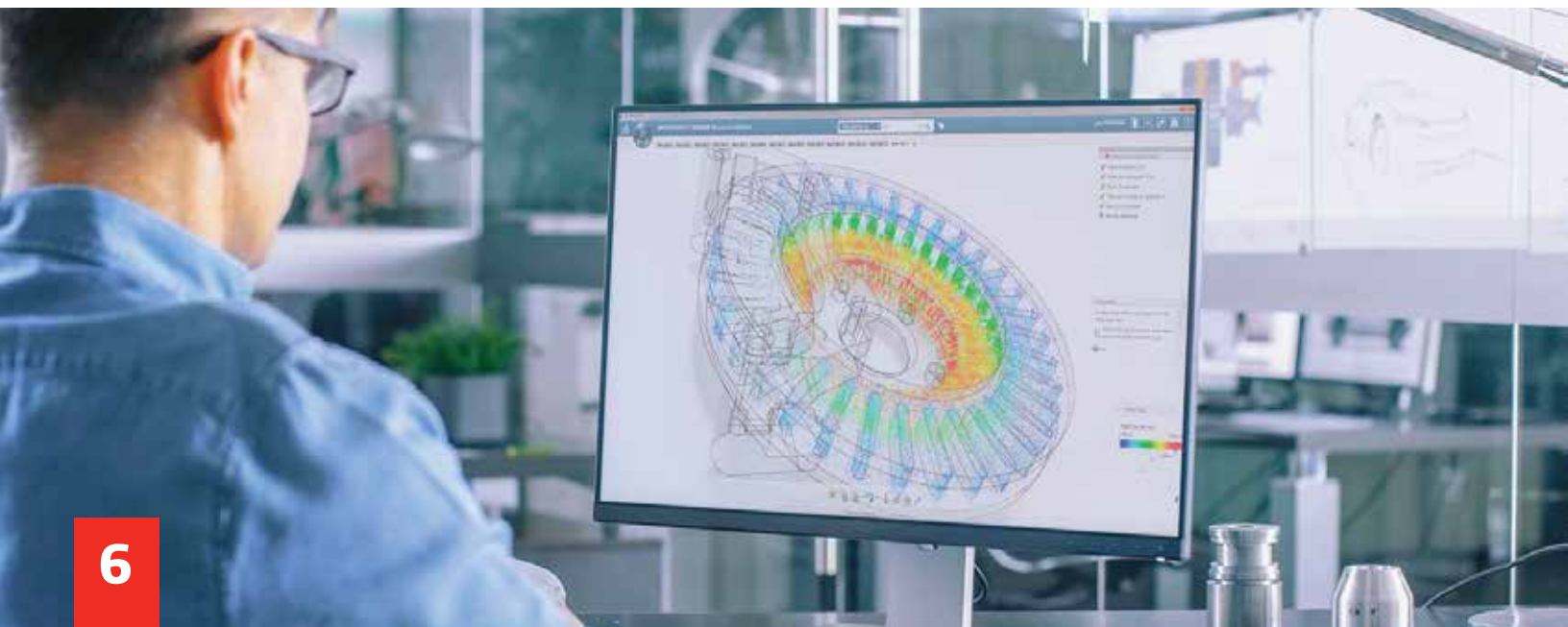
Certifications with SOLIDWORKS

With **SOLIDWORKS Certification Program** you can advance your career and prove that you are proficioent with SOLIDWORKS Software.

Standing out amongst SOLIDWORKS users form around the world can be challenging. Earning a SOLIDWORKS Certificaiton can help you get a job, keep a job, or possibly move up in your current job.

Be a part of the growing community of certified SOLIDWORKS Users!

MORE INFO

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