

Letter to User Groups for Members/Newsletters

SolidProfessor, a SolidWorks Solution Partner focused on delivering the very best self-paced SolidWorks learning and productivity resources, announces the release of its SolidWorks Flow Simulation Course.

We continually try to build our database of training videos and our latest course to be released is the SolidWorks Flow Simulation course.

SolidWorks Flow Simulation software allows designers to simulate computational fluid dynamics (CFD) on their 3D CAD models. With [SolidWorks Flow Simulation](#), users can quickly and easily simulate fluid flow, heat transfer, and fluid forces that are critical to the success of many designs. The software allows designers to simulate real world conditions, run “what if” scenarios, and quickly analyze the effects of fluid flow, heat transfer, and related forces on immersed or surrounding components.

SolidProfessor's [Flow Simulation course](#) teaches the fundamentals of using the software to analyze fluid flow and heat transfer effects within SolidWorks parts and assemblies. The course was designed to get users up to speed quickly with the basic principles of computational fluid dynamics, and covers additional topics such as basic flow through a pipe, fans, porous media, humidity effects, particle injection into a uniform flow, transient heat transfer, and external analyses including supersonic flow around a rocket. The course also teaches users how to take Flow Simulation results and import them into [SolidWorksSimulation](#) as loads for a static analysis and optimization.

Jason Wright, Product Manager for SolidProfessor comments, “It’s always been our goal to create learning resources that help SolidWorks users maximize the value of their software. I’m extremely proud of our team’s effort in creating this course, which goes far beyond the picks and clicks, and even explains much of the background and theory of CFD from a conceptual level. I'm excited to bring a product like this to the SolidWorks design community and look forward to seeing what amazing new products are influenced by it.”

Upon completion of the course, users will be able to test their SolidWorks models and predict how various flow conditions impact their designs. Users will be able to optimize their designs and prevent costly design errors, prior to having any prototypes manufactured. SolidProfessor’s SolidWorks Flow Simulation course is 3 hours 43 minutes, 87 lessons, and is priced at \$499 for new customers, or \$299 as an upgrade to customers who already own a SolidProfessor Bundle.

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About SolidProfessor

SolidProfessor is a SolidWorks Solution Partner, 100% focused on creating the very best on-demand knowledge resources for SolidWorks CAD software. The mission of SolidProfessor is to provide the highest quality self-paced resources for SolidWorks users of all skill levels worldwide. SolidProfessor products may be purchased direct or from most SolidWorks Value Added Resellers. For more information, please visit www.solidprofessor.com