

# 5 CLASSROOM CHALLENGES YOU CAN SOLVE WITH SOLIDPROFESSOR'S ONLINE TRAINING



## **CHALLENGE 1: Having enough classroom time to cover important topics**

**Solution:** With SolidProfessor's convenient, easy-to-follow online training videos, you can give students the tools to learn about important engineering topics any time, saving valuable classroom time.

**Get Started:** "With SolidProfessor, learning about techniques and theory happens at home and all three hours of class time are used to practice those concepts." – Spencer Harp, professor at Georgia Southern University



## **CHALLENGE 2: Providing self-paced learning opportunities for all students**

**Solution:** SolidProfessor offers training for all skill levels from novice to expert, enabling you to customize the learning experience for each student.

**Get Started:** "One of the things that I like about SolidProfessor is the repeatable online tutorials the students can go through. These SolidProfessor resources allow all of our students to fully learn the material at their own pace." – John Larson, professor at California Polytechnic State University



## **CHALLENGE 3: Getting the most out of your Project Lead The Way curriculum**

**Solution:** As the Official Training Partner of Project Lead The Way, SolidProfessor helps classrooms get the most out of their PLTW curriculum through software-specific training and certification preparation.

**Get Started:** "I embed SolidProfessor lessons in the curriculum given to me by PLTW. My students learn the basics of creating drawings in AutoCAD and models in Inventor and then progress into the more complex features available in each software." – Juan "JJ" Teyssandier, teacher at Stranahan High School



## **CHALLENGE 4: Needing to frequently update turnkey materials**

**Solution:** SolidProfessor continuously updates each of its courses in accordance with platform changes, industry advancements, and updates to certification exams.

**Get Started:** "At UCSD, our dean has a big initiative to have a lot more hands-on classes, giving students skills they can use at companies. What's nice about SolidProfessor is that it aids in all of those initiatives." – Karcher Morris, teaching assistant at University of California San Diego



## **CHALLENGE 5: Helping students earn industry certifications**

**Solution:** SolidProfessor's online tutorials and practice exams have helped thousands of students earn their software certifications.

**Get Started:** "SolidProfessor gives my students a great foundation for the Inventor User Certification Exam. I love the program!" – Adam Mack, teacher at W.R. Thomas Middle School

# WHAT SOLIDPROFESSOR OFFERS:

## CAD, CAM, BIM, and Engineering Methods Training

### SOLIDPROFESSOR'S ACADEMIC NETWORK

**3,450+** total schools

**66,000+** total students

### SOLIDPROFESSOR'S ONLINE TRAINING RESOURCES

**40+** software platforms covered in SolidProfessor's online training courses

**650+** online CAD, CAM, BIM, and engineering methods courses

**15,000+** hours worth of online training

### MOST-VIEWED COURSES FOR SCHOOLS

**3,360,000+ views:** SOLIDWORKS Beginner to Certification

**1,270,000+ views:** SOLIDWORKS Core Concepts for Parts and Assemblies

**1,060,000+ views:** Inventor for Beginners

**860,000+ views:** SOLIDWORKS for Beginners

**733,000+ views:** AutoCAD Essentials

**683,000+ views:** Introduction to AutoCAD

**460,000+ views:** Inventor Essentials for Parts and Assemblies

### SOLIDPROFESSOR OFFERS COURSES IN THE FOLLOWING SOFTWARE AND METHODOLOGIES



SOLIDWORKS



DraftSight



AutoCAD



Revit



Inventor



Fusion 360



CATIA



Onshape



Solid Edge



FEA



MATLAB



Design for Manufacturing



3D Printing



Mastercam



CAMWorks



ANSYS



Abaqus



Geometric Dimensioning and Tolerancing



SketchUp



Rhino



Engineering Graphics & Spatial Visualization



Meshmixer

