



Advanced SolidWorks® 2018 88 Hours

SolidWorks® has become a worldwide industry leader in affordable 3-D feature based parametric solid modeling software for mechanical design and engineering. SolidWorks® utilizes an intuitive windows user interface, one of the best in the industry, and is based on the powerful Parasolid® kernel. Users of Pro-E®, Unigraphics®, CATIA®, and other high-end CAD software are discovering the portability, shorter learning curve, and expanded power and capability of SolidWorks®.

This training program is tailored for experienced manufacturing, design, and engineering professionals who need to develop skill and speed in applying feature based parametric modeling principles and techniques to create complex 3-D solid models and prepare fully dimensioned engineering drawings using SolidWorks®. This is a 4-hour class that meets every Saturday morning from 8:00am to noon, for 18 weeks. Our computer lab is state-of-the-art with multi-core processor computers that have been properly equipped for feature based solid modeling CAD work.

Training topics to include:

- Multi-body Solids
- Sweeps
- Lofts and Splines
- Understanding Surfaces
- Advanced Tools
- Solid-Surface Hybrid Modeling
- Advanced Surface Modeling
- Blends and Patches
- Master Model Techniques

This program will also include 3 hands on projects in Biomedical, Manufacturing and Aerospace/Tooling designs

Note: Text book and project materials will be supplied.

Prerequisites:

- Completion of Beginning SolidWorks, or
- 6 Months of SolidWorks or print reading experience

ETI instructor Gene Zamba is the Director of Engineering at Neoteryx and designs clinical diagnostic automation, orthopedic implants, and patient monitoring devices. He has been working in the Biomedical Engineering profession for over 40 years and has developed and received FDA approval for over 300 medical devices that are used in the operating room today. He teaches Biomedical Engineering and Regulatory FDA compliance technologies to businesses around the world. Gene has been an instructor here at COC since 2011. Gene also holds a Professional Engineering License and Master's Degree in Biomedical Engineering

Employment Training Panel (ETP) State Funded Training* : \$350 per eligible employee
Non-ETP COST: \$ 2,638.00

WHEN:
Saturdays
8:00 am to 12:00 pm
March 3, 2018 through August 11, 2018

WHERE:
College of the Canyons
Room TBA
26455 Rockwell Canyon Road
Valencia, CA

For more information or to register, please contact Jocey Hogan at 661.362.5657 or jocey.hogan@canyons.edu and visit our website at [ETI Class Schedule](#)

*For employees of eligible employers. Employees are not considered registered until all paperwork is received, a \$350 participant fee, per trainee, has been paid to the Santa Clarita Community College District and the Employment Training Panel has determined eligibility. State subsidy is contingent upon the trainee completing all the Employment Training panel requirements. Please contact the Employee Training Institute, 661.362.5657, for details on eligibility requirements.