



Intermediate to Advanced SolidWorks® 2016 76 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.

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®. 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.



This Program will also include two hands-on projects.

Training topics 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

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 more than 40 years and has developed and received FDA approval for more than 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 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*: \$350.00 per eligible employee

Non-ETP COST: \$2,326.00

WHEN:
Saturdays
8:00 am to 12:00 pm
April 7, 2018 to August 18, 2018
No class May 26, 2018

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

For more information or to register, please contact Jocy Hogan at 661.362.5657 or jocy.hogan@canyons.edu

*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.