

Certificate in Pro/ENGINEER

PROFESSIONAL DEVELOPMENT

The Certificate in Pro/ENGINEER, Wildfire provides instruction and practice in Pro/ENGINEER—a leading comprehensive, integrated, concurrent engineering software tool. Students will progress through fundamental, intermediate and advanced concepts and techniques. All classes will include real-world examples of Pro/E implementations in the design and manufacturing processes. Instructors have extensive real-world experience using Pro/E.

PROGRAM OBJECTIVES

Upon completion of the Certificate in Pro/ENGINEER, students will be able to:

- Use the Pro/E menu and views utilizing the Wildfire format
- Use Pro/E as a parametric and feature-based modeling tool
- Build parts and create assemblies

WHO SHOULD ATTEND

The Certificate in Pro/ENGINEER, Wildfire is designed for:

- Engineers who need Pro/E for concept/data design
- Draftspeople with 2D CAD background but no Pro/E experience
- Vendors who need Pro/E experience in order to process design files from clients
- Individuals who need Pro/E training and experience for salary enhancement or job promotion



ELIGIBILITY

Students beginning the Certificate in Pro/ENGINEER, Wildfire are required to have computer proficiency and experience in mechanical design and drawing/drafting. Students are expected to have access to the Pro/ENGINEER Wildfire software in order to complete weekly homework assignments and projects. Limited open lab hours are available.

REQUIRED CLASSES

- Solid Modeling Using Pro/ENGINEER, Wildfire
- Intermediate Pro/ENGINEER, Wildfire
- Advanced Pro/ENGINEER Wildfire

Register today at www.csufextension.org or 657.278.2611

For more information, contact Mimi Lawson: 657.278.3313, mlawson@fullerton.edu

THE CLASSES

SOLID MODELING USING PRO/ENGINEER, WILDFIRE

(2.7 CEUs/27 hours)

Prerequisite: computer proficiency and experience in mechanical design and drawing/drafting. In this hands-on class you will gain a sound foundation of the way Pro/ENGINEER Wildfire works with an emphasis on Pro/ENGINEER as a parametric and feature-based modeler. Topics include: an introduction to Pro/E, its menus and views; building and modifying parts; features; sketcher functionality; drawings; and assembly creation. Exercises will be assigned to reinforce the topics discussed.

INTERMEDIATE PRO/ENGINEER, WILDFIRE

(2.7 CEUs/27 hours)

Prerequisite: Solid Modeling Using Pro/ENGINEER, Wildfire. You will focus on how individual components work together in an assembly and how to create detailed engineering drawings of both individual components and assemblies in this hands-on class. Topics include: advanced assembly features and part creation; tolerances; sweeps and blends; and an introduction to skeleton parts. Exercises will be assigned to reinforce the topics discussed.

ADVANCED PRO/ENGINEER WILDFIRE

(1.8 CEUs/18 hours)

Prerequisite: Intermediate Pro/ENGINEER, Wildfire. Focus on advanced feature creation and configuration of the Pro/ENGINEER, Wildfire system. Topics include: top/down design concepts; tables; surfacing; configuration files; large assembly management; and layer management. A comprehensive set of exercises will be assigned to reinforce topics discussed.

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