

## Pro/ENGINEER Wildfire 3.0 Introduction to Solid Modeling I & II

### Course Description

Learn the process of designing models with Pro/ENGINEER Wildfire from conceptual sketching, through to solid modeling and drawing production. Gain an understanding of the design philosophy of Pro/ENGINEER through this extensive hands-on course with numerous practice exercises. It is expected that all new users of Pro/ENGINEER will require this course.

- Part creation and modification
- Sketcher mode functionality (sketching and dimensioning)
- Principles behind design intent
- Datum features
- Creating relations to capture design intent
- Duplication techniques (patterns, mirroring)
- Pro/ENGINEER file management
- Pro/ENGINEER customization
- Design documentation and detailing
- Parent/Child relationships and relations in Pro/ENGINEER models
- Feature failure resolution
- Sweeps and blends
- Assembly creation and manipulation
- Feature management
- Radial patterns
- Effective modeling techniques

Hands-on exercises representing real-world, industry-specific design scenarios are included.

**Course Duration:** 5 days

### Who Should Attend

This courseware is designed for new Pro/ENGINEER users.

### Prerequisites

No previous CAD experience is necessary. However, experience in mechanical design and drawing production is recommended.