

# API Fundamentals of SolidWorks Enterprise PDM

## Course Information

This course teaches you how to use the SolidWorks Enterprise PDM API (Application Programming Interface) to automate and customize SolidWorks Enterprise PDM. The focus is on fundamental skills and concepts. The intended audience is any programmer who will develop applications for automating, customizing, or enhancing the functionality of SolidWorks Enterprise PDM.

Course Length: 2 days

Hours: 8:30am – 4:30pm

Prerequisite:

- Administering SolidWorks Enterprise PDM course
- Basic experience with SolidWorks Enterprise PDM Software

Includes:

- Color Training Manual
- Completion Certificate

### Course Contents:

- Connecting to a Vault**
  - COM Programming
  - Application Types
- Files, Folders, Items and References**
  - Interfaces and file references
- Users and Groups**
- Card Variables, Versions, and Revisions**
  - Card Variables
  - File Versions and Revisions
- Add-In Applications**
  - Installing an Add-In
- Task Add-In Applications**
  - Task Interfaces
  - Task Hooks



**Concepts In Production, LLC**

Reducing Time to Market

Romans 8:28

- Certified Instructors leading training at our state-of-the art facilities
- Classes offered in several locations in MS, AL, and TN
- CIP is an Authorized SolidWorks and Simulation Training Center
- CIP offers classes on customer site  
Contact the Sales Dept  
662-256-8333
- Schedule:  
[www.conceptsinproduction.com](http://www.conceptsinproduction.com)
- Contact:  
[info@conceptsinproduction.com](mailto:info@conceptsinproduction.com)