



## CADWorx P&ID Professional (IGTPD2)

Course Length: 16 Hours.

This course is designed for the fresh graduates and plant designers who wants to become familiar with the latest software tools available to produce Intelligent P&ID drawings. This course helps the user to understand the underlying concepts behind data centric Intelligent P&ID and to customize the software to the specific requirements of their organization so that project deliverables can be generated dynamically.

### Prerequisites:

- Drafting, design, or engineering experience is required.
- Basic Plant design/ engineering knowledge is required.
- Working knowledge of AutoCAD 2007.
- It is also recommended that you have a working knowledge of Microsoft® Windows® XP,
- Microsoft® Windows® 2000, or Windows NT® 4.0.

### Curriculum

- Introduction to Intelligent P&IDs
- Advantages of Data driven, intelligent P&IDs
- Creation of Proposal Style P&ID (non-intelligent) using COADE enhanced drafting tools to increase productivity
- Project creation and customization
- Turning proposal P&IDs into intelligent project P&IDs
- Customizing the software for specific project needs (symbols, database, etc.)
- Complete creation of project P&IDs in a project environment.
- Producing Project deliverables and reports from the project data that include line list, instrument list, equipment list, etc.
- Hands on Exercise to create a simple P&ID.
- Introduction to Loops module.
- Creation of Instrument loop drawings and Loop templates
- Publish Intelligent P&ID on Internet/Intranet, for project members to view and verify.

