



CAD Quality Assurance and Productivity  
Improvement & New CAD Methodologies



5 - 16 May 2025



Boston (USA)

# CAD Quality Assurance and Productivity Improvement & New CAD Methodologies

course code: D9017 From: 5 - 16 May 2025 Venue: Boston (USA) - course Fees: 8250 Euro

## Program Overview

In this program you will learn about...

This program provides the CAD Operator and Engineer the essential understanding and tools for Quality Assurance, Productivity Improvement and use of Tools. Program covers Work Methodologies, Tools, Accessories and Customizations. The content of this program is not CAD software specific and applies for CAD Operators using AutoCAD, Microstation or other Software.

Standardization, Accuracy-First-Time... Tools and Procedures

For Operators, Checkers, Engineers, Supervisors

CAD usage is taught everywhere. Draftsmen and Engineers have been making Good Drawings. So where is the problem?

CAD drafting errors made need a lot of time to detect, correct or redo- many of these errors are avoidable. Further productivity, accuracy, standardization strategic considerations are not taught anywhere else... except in this program!

## Program Content

### Productivity Methods

- Minimize errors through Error Prevention
- Automate error checking
- Reducing Rework

### Facilitating Group working - Maintaining Standardization

### Standardization of

- Drawings
- Drawing Preparation Methods

### Effectively Using the New CAD Tools

- Scanning for CAD Work
- Digitization of Paper Drawings
- Modelling

### Methodology for Compatibility with Future Intelligent Systems

Insuring you Drawings will be suitable for..

- Future CAD Upgrades
- Move from one CAD Software to Another
- Compatible with Electronic Document Management Systems
- Suitable for Serving as Base Drawings to put Intelligence into them
- Bill of Material Design Analysis

- GIS Type Applications

Building CAD Knowledgebase for your Section

Prepare an Implementation Plan for the Above. (Workshop)

