



**SCANDINAVIAN ACADEMY**  
For Training and Development

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# Course: CAD Quality Assurance, Productivity Improvement & New CAD Methodologies

Code	City	Hotel	Start	End	Price	Language - Hours
669	Barcelona (Spain)	Hotel Meeting Room	2025-05-26	2025-05-30	5450 €	En - 25

## 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**



**The Scandinavian Academy for Training and Development employs modern methods in training and skills development, enhancing the efficiency of human resource development. We follow these practices:**

• **Theoretical Lectures:**

- We deliver knowledge through advanced presentations such as PowerPoint and visual materials, including videos and short films.

• **Scientific Assessment:**

- We evaluate trainees skills before and after the course to ensure their progress.

• **Brainstorming and Interaction:**

- We encourage active participation through brainstorming sessions and applying concepts through role play.

• **Practical Cases:**

- We provide practical cases that align with the scientific content and the participants specific needs.

• **Examinations:**

- Tests are conducted at the end of the program to assess knowledge retention.

• **Educational Materials:**

- We provide both printed and digital scientific and practical materials to participants.

• **Attendance and Final Result Reports:**

- We prepare detailed attendance reports for participants and offer a comprehensive program evaluation.

• **Professionals and Experts:**

- The programs scientific content is prepared by the best professors and trainers in various fields.

• **Professional Completion Certificate:**

- Participants receive a professional completion certificate issued by the Scandinavian Academy for Training and Development in the Kingdom of Sweden, with the option for international authentication.

• **Program Timings:**

- Training programs are held from 10:00 AM to 2:00 PM and include coffee break sessions during lectures.