€ TRAINING

Essential Work Process Understanding and
Basic Skills for CAD Professionals

8 - 12 September 2024
Online

Essential Work Process Understanding and Basic Skills for CAD Professionals

REF: B816 DATE: 8 - 12 September 2024 Venue: Online - Fee: 2250 Euro

Introduction:

This training program provides participants with essential knowledge and skills in understanding work processes and mastering the basics of CAD. It empowers them to efficiently utilize CAD tools and methodologies for improved productivity and quality.

Program Objectives:

At the end of this program, participants will be able to:

- Gain a solid understanding of work processes in CAD.

- Learn essential CAD skills and techniques.

- Apply productivity improvement strategies in CAD projects.

- Understand and implement CAD standards.

- Optimize CAD workflows for better efficiency.

Targeted Audience:

- New CAD Professionals.

- CAD Technicians.

- Engineers.

Program Outline:

Unit 1:

Understanding Work Processes in CAD:

- Overview of CAD workflows.

- Key stages of a CAD project.

- Roles and responsibilities in a CAD environment.

- Best practices for efficient work processes.

- Common challenges and solutions in CAD work processes.

Unit 2:

Essential CAD Skills and Techniques:

- Basic CAD commands and tools.

- Creating and editing 2D drawings.

- Introduction to 3D modeling.

- Layer management and organization.

- Tips for accuracy and precision in CAD.

Unit 3:

Productivity Improvement Strategies:

- Time-saving techniques in CAD.

- Customizing CAD interfaces for efficiency.

- Using templates and standards.

- Automating repetitive tasks.

- Case studies on productivity improvements.

Unit 4:

Implementing CAD Standards:

- Importance of CAD standards.

- Developing and adhering to CAD standards.

- Ensuring consistency in drawings.

- Training and supporting CAD users.

- Reviewing and updating CAD standards.

Unit 5:

Optimizing CAD Workflows:

- Analyzing current CAD workflows.

- Identifying bottlenecks and inefficiencies.

- Implementing workflow improvements.

- Measuring workflow performance.

- Continuous improvement in CAD processes.