€TRAINING

Enhancing CAD Quality and Productivity

2 - 6 September 2024
London (UK)
Landmark Office Space

Enhancing CAD Quality and Productivity

REF: B823 DATE: 2 - 6 September 2024 Venue: London (UK) - Landmark Office Space Fee: 5850 Euro

Introduction:

This training program provides participants with essential knowledge and skills in CAD quality assurance, productivity improvement, and new CAD methodologies. It empowers them to enhance their CAD processes and ensure high-quality outputs.

Program Objectives:

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

- Understand the fundamentals of CAD quality assurance.

- Implement productivity improvement techniques in CAD.

- Explore new CAD methodologies and their applications.

- Develop and maintain CAD standards.

- Evaluate and optimize CAD processes for efficiency.

Targeted Audience:

- CAD Designers.

- CAD Managers.

- Quality Assurance Professionals.

- Engineers.

- Personnel involved in CAD processes and improvements.

Program Outline:

Unit 1:

Fundamentals of CAD Quality Assurance:

- Overview of CAD quality assurance principles.

- Importance of quality assurance in CAD.

- Key components of a CAD quality assurance program.

- Common CAD quality issues and their solutions.

- Tools and techniques for ensuring CAD quality.

Unit 2:

Productivity Improvement Techniques:

- Strategies for improving CAD productivity.

- Time management and workflow optimization.

- Leveraging CAD software features for efficiency.

- Automating repetitive tasks in CAD.

- Case studies on successful productivity improvements.

Unit 3:

New CAD Methodologies:

- Introduction to new CAD methodologies.

- Model-based design and its advantages.

- Collaborative CAD workflows.

- Advanced CAD technologies parametric design, generative design.

- Integration of CAD with other digital tools and platforms.

Unit 4:

Developing and Maintaining CAD Standards:

- Importance of CAD standards.

- Creating and implementing CAD standards.

- Ensuring consistency and accuracy in CAD outputs.

- Training and supporting CAD users.

- Monitoring and updating CAD standards.

Unit 5:

Evaluating and Optimizing CAD Processes:

- Assessing current CAD processes.

- Identifying areas for improvement.

- Implementing process optimization techniques.

- Measuring the impact of process changes.

- Continuous improvement in CAD processes.