

NEUROVERSE GLOBAL

Engineering Design & Drafting

Excellence Program

A 5-Day Intensive Executive Training Program

Training Course Code: NV-TR-16-009

Prepared for: [Client Organization]

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Executive Summary

Engineering design and drafting are essential components of successful project development, transforming concepts into precise technical drawings and actionable plans. NeuroVerse Global presents a comprehensive **Engineering Design & Drafting Program**, designed to equip professionals with the skills required to create, interpret, and manage engineering drawings using industry-standard tools and methodologies. This program integrates core design principles with modern computer-aided design (CAD) technologies and international drafting standards. Participants will gain hands-on experience in technical drawing, 2D and 3D modeling, design documentation, and project coordination, while ensuring accuracy, compliance, and efficiency in engineering workflows.

Program Element	Details
Duration	5 Days (40 Hours)
Target Audience	C-Suite Executives, Senior Leaders, Strategy Professionals
Delivery Options	5★ Hotel Traveling (Global Centers) Training Institute Onsite at Your Location Virtual Live Hybrid
Certification	yes
Class Size	Optimum number of participants for highest interaction and engagement

We provide flexible and premium delivery formats tailored to your strategic priorities:

- **5★ Hotel Experience:** Executive retreat setting combining strategic learning, executive networking, and high-level team in luxury venues (e.g., Amman, Dead Sea, Aqaba).
- **Traveling (Global Centers):** Delivered at world-class international locations such as London, Istanbul, Dubai, Singapore, Georgia, or select European hubs, offering premium facilities and global networking opportunities.
- **Training Institute:** Hosted at leading accredited institutes equipped with advanced learning technologies and innovation-driven environments.
- **Onsite at Your Location:** Conducted at your corporate headquarters for a fully customized, confidential, and organization-focused experience.
- **Virtual Live:** High-definition, interactive online sessions with digital collaboration tools ideal for distributed leadership teams.
- **Hybrid Model:** A strategic blend of in-person engagement and synchronized virtual participation to maximize flexibility and international reach.

Curriculum Structure

Target Audience

Engineers, Draftsmen, CAD Technicians, Designers, Architecture and Engineering Students, and professionals involved in engineering design, technical drawing, and project documentation.

Day 1: Fundamentals of Engineering Design & Drafting

Theme: Understanding Design Principles and Standards

Module	Key Activities
Introduction to Engineering Design	Design process and workflow
Drafting Standards	ISO, ANSI, and technical drawing conventions
Types of Engineering Drawings	Mechanical, civil, electrical drawings
Sketching Techniques	Basic manual drafting skills

Day 2: 2D CAD Drafting & Technical Drawings

Theme: Creating Accurate Engineering Drawings

Module	Key Activities
Introduction to CAD Tools	AutoCAD fundamentals
2D Drafting	Lines, dimensions, layers, annotations
Drawing Standards in CAD	Scaling, formatting, and layouts
Practical Workshop	Creating a complete 2D drawing

Day 3: 3D Modeling & Design Visualization

Theme: C

Module	Key Activities
Introduction to 3D Modeling	Concepts and applications
CAD Software for 3D Design	SolidWorks / Revit basics
Model Creation	Parts, assemblies, and visualization
Case Study	3D design for engineering projects

Day 4: Design Documentation & Project Integration

Theme: Managing Engineering Documentation

Module	Key Activities
Design Documentation	Drawings, specifications, and revisions
Bill of Materials (BOM)	Components and materials listing
Coordination	Working with engineering teams
Practical Exercise	Preparing a design documentation package

Day 5: Advanced Design Tools & Industry Applications

Theme: Modern Engineering Design Practices

Module	Key Activities
Advanced CAD Features	Parametric design and automation
Industry Applications	Construction, manufacturing, infrastructure
Quality & Compliance	Ensuring design accuracy and standards
Capstone Project	Complete engineering design and drafting project

Delivery Options

NeuroVerse Global offers unparalleled flexibility in program delivery, ensuring that world-class strategic education is accessible regardless of location or logistical constraints. Choose the format that best suits your organizational needs:

Format	Description	Best For
Executive Retreat ***** 5* Hotel	Multi-day experience at luxury venues in hotels 5* combining learning with strategic planning and team activities. Amman, Dead Sea, Aqaba	Board offsites, strategic planning, executive bonding
Premier Training Institute	Delivered at internationally accredited, state-of-the-art institutes equipped with advanced learning technologies, executive facilities, and innovation labs.	Executive education, certified programs, high-impact professional development
Global Centers With Traveling	Conducted at NeuroVerse world-class facilities in London, Istanbul, Egypt, Dubai, Singapore, Georgia, or Europe. Premium amenities and networking.	International exposure, cross-cultural learning, executive networking
Onsite Premium	NeuroVerse facilitator at your corporate headquarters or preferred location. Full materials, and immersive experience.	Leadership teams, confidential strategy sessions, team building
Virtual Live	Synchronous online sessions with interactive tools, breakout rooms, and digital collaboration platforms. HD streaming.	Distributed teams, cost optimization, time-constrained executives
Hybrid Model	Blend of in-person and virtual elements. Regional hubs with synchronized virtual participation for global teams.	Global organizations, flexible participation, maximum reach



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Make you Training in more than 35 Countries Around the World

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