

GLOBAL EXPERTS INSTITUTE FOR TRAINING.
ISO 9001-2008 TRAINING PROVISION CERTIFIED

Simulation & Logging Operation

Schedule Dates:

Start Date	End Date	Place
1Dec 2025	5 Dec 2025	London – Double Tree by Hilton Kensington

Program Introduction:

Welcome to the training course on Simulation and Logging Operations! In this comprehensive five-day program, participants will delve into the world of simulation techniques and logging operations, gaining essential knowledge and practical skills to apply in various industries. This course aims to provide a thorough understanding of simulation principles, data logging techniques, and their integration for effective system analysis and optimization.

Program Objective:

- ✓ Understand the fundamental concepts and principles of simulation.
- ✓ Gain proficiency in different types of simulation techniques and tools.
- ✓ Learn various data logging methods and their applications in system monitoring and analysis.
- ✓ Explore advanced simulation modeling techniques and optimization methods.
- ✓ Understand how to integrate simulation and logging operations for enhanced performance and analysis.
- ✓ Acquire practical skills through case studies and hands-on exercises.
- ✓ Evaluate the effectiveness of simulation and logging operations in real-world scenarios.
- ✓ Identify future trends and advancements in simulation and logging technologies.
- ✓ This training course is designed to cater to professionals, engineers, researchers, and analysts who seek to enhance their knowledge and skills in simulation and logging operations. Whether you're looking to optimize manufacturing processes, improve system performance, or analyze complex data sets, this course will equip you with the necessary tools and techniques to succeed.
- ✓ Feel free to customize the objectives according to specific learning outcomes or industry requirements. Let me know if you need further assistance!

Who should attend?

This training course is suitable for professionals, engineers, researchers, and analysts across various industries interested in gaining a comprehensive understanding of simulation techniques and logging operations for data analysis and system monitoring.

Program Outlines

Day One

Introduction to Simulation and Logging Operations

- Introduction: Overview of the course objectives and agenda.
- Simulation Overview: Definition, types, and significance in various industries.
- Logging Operations: Introduction to logging operations, types, and importance in data analysis and system monitoring.

Day Two

Fundamentals of Simulation

- Simulation Principles: Understanding the core principles and methodologies of simulation.
- Types of Simulation: Overview of discrete event simulation, continuous simulation, agent-based simulation, etc.
- Simulation Tools: Introduction to commonly used simulation software and tools.

Day Three

Logging Operations in Depth

- Data Logging Techniques: Various techniques for data logging including event logging, periodic logging, and conditional logging.
- Data Logging Tools: Overview of tools and software used for data logging and monitoring.
- Data Analysis: Techniques for analyzing logged data and extracting valuable insights

Day Four

Advanced Simulation Techniques

- Advanced Simulation Modeling: Techniques for complex modeling and simulation scenarios.
- Optimization in Simulation: Understanding optimization methods within simulation models.
- Case Studies: Real-world examples of advanced simulation applications.

Day Five

Integration and Practical Applications

- Integration of Simulation and Logging Operations: Strategies for integrating simulation and logging for enhanced performance and analysis.
- Practical Applications: Case studies and practical examples demonstrating the application of simulation and logging operations in various industries.
- Evaluation and Future Trends: Assessing the effectiveness of simulation and logging operations and exploring future trends and advancements.

Training Methodology:

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

Cost Quotation in Kuwaiti Dinars

The total cost includes:

- 🌐 Instructor(s) expenses
- 🌐 Training materials
- 🌐 Certification
- 🌐 Lunch Included

Total Cost: 1800 KD per Participant
(One Thousand Eight Hundred Kuwaiti Dinar)