

DIGITAL OPERATION (GENERAL COURSE)

“Streamline, Automate, and Optimize Operations for a Digitally Powered Enterprise.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

Introduction

The **Digital Operations** course provides a foundational and practical understanding of how organizations can transform their operational processes using digital technologies. This course covers key elements of digital operations including automation, data analytics, IoT, cloud computing, digital supply chains, and performance optimization. Participants will explore modern operational models and learn how to design, implement, and sustain digitally-enabled workflows.

Objectives

- By the end of this training, participants will be able to:
- Understand the core principles of digital operations and transformation
 - Identify and apply technologies that streamline operational efficiency
 - Utilize digital tools for real-time decision-making and monitoring
 - Analyze operational data to drive continuous improvement
 - Plan and manage digitization projects across business functions

Why Attend

In today’s hyper-connected world, efficient digital operations are a competitive necessity. This course equips professionals with the tools to optimize operations, reduce costs, increase agility, and ensure better service delivery through digital enablement.

Target Audience

- Operations Managers and Supervisors
- Business Process Improvement Specialists
- Digital Transformation Leaders
- Industrial Engineers and Process Owners
- IT, Supply Chain, and Logistics Professionals

Individual Benefits

- Improve ability to lead or support operational digitization
- Advance career opportunities in operations, transformation, and quality
- Develop skills for data-driven decision-making and problem solving

Organizational Benefits

- Increase operational agility and responsiveness
- Improve process visibility, traceability, and performance
- Reduce manual errors, downtime, and resource waste
- Accelerate innovation and operational excellence

Instructional Methodology

- Real-world case studies and simulations
- Digital process mapping and workflow modeling
- Interactive sessions with digital dashboards and KPIs
- Group-based design of digital operations blueprints

Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

Training Hours: 7:30 AM – 3:30 PM

Daily Format: 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to Digital Operations

- Module 1: The Digital Imperative in Modern Operations (07:30 – 09:30)
- Module 2: Key Concepts – Industry 4.0, Smart Operations, Digital Twins (09:45 – 11:15)
- Module 3: Mapping Traditional vs. Digital Operational Models (11:30 – 01:00)
- Module 4: Digital Operations Framework and Maturity Assessment (02:00 – 03:30)

Day 2: Digital Tools & Automation Technologies

- Module 1: Process Automation – RPA, Workflow Engines, and APIs (07:30 – 09:30)
- Module 2: Cloud Platforms and Integrated Operations Systems (09:45 – 11:15)
- Module 3: Industrial IoT and Real-Time Data Monitoring (11:30 – 01:00)
- Module 4: Hands-On Workshop: Identifying Automation Opportunities (02:00 – 03:30)

Day 3: Data-Driven Operations & Analytics

- Module 1: Introduction to Operational Data and Metrics (07:30 – 09:30)
- Module 2: Visualizing Operations: Dashboards, BI Tools & Alerts (09:45 – 11:15)
- Module 3: Predictive Analytics for Demand, Maintenance & Inventory (11:30 – 01:00)
- Module 4: Workshop: Creating an Operational Dashboard (02:00 – 03:30)

Day 4: Digital Supply Chains and Smart Processes

- Module 1: Enabling Real-Time Visibility in Supply Chain Operations (07:30 – 09:30)
- Module 2: E-procurement, Logistics, and Asset Tracking Solutions (09:45 – 11:15)
- Module 3: Lean and Agile Principles in Digital Environments (11:30 – 01:00)
- Module 4: Group Exercise: Designing a Smart Operational Workflow (02:00 – 03:30)

Day 5: Implementation, Change & Future Trends

- Module 1: Planning a Digital Operations Project – Roles & Risks (07:30 – 09:30)
- Module 2: Change Management and Staff Enablement (09:45 – 11:15)
- Module 3: Trends – AI in Operations, Edge Computing, Blockchain (11:30 – 01:00)
- Module 4: Final Presentations, Feedback & Certification Ceremony (02:00 – 03:30)

Certification

Participants will receive the **Certificate in Digital Operations** upon successful participation, group project completion, and demonstration of knowledge in digital workflows and performance optimization.

Why Choose MAWA Events

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