

MOSAÏQUE TRAINING

Training Catalogue 2026

Develop Today. Perform Tomorrow.

Engineering • BIM & Architecture • Professional Skills • Personal Development • Environment & Energy

Training Accreditation No. 11/1593/17 — Autodesk Training Center (ATC) — Autodesk Learning Partner (ALP)

ABOUT US

Develop Today. Perform Tomorrow.

MOSAÏQUE TRAINING is part of the MOSAÏQUE INGÉNIERIE Group, which operates across 20 African countries and brings more than 20 years of experience in the engineering sector.

Building on this international expertise, MOSAÏQUE TRAINING leverages solid know-how and an innovative teaching approach to support students, professionals, and companies in the continuous and sustainable development of their skills.

Towards Greater Quality and Better Results

Our mission is to address the real needs of the market and organizations, with a strong focus on developing practical, operational skills that can be directly applied in the professional world.

Towards Greater Personalization and Digitalization

Specialized training programs, e-learning, virtual classes, face-to-face training, and blended learning, tailored to each learner.

“

The quality and modernization of our training offerings are our top priorities.

MOSAÏQUE TRAINING

120+

Training Courses Delivered

80+

Companies Supported

Why Choose MOSAÏQUE TRAINING?

120+

Training Courses Delivered

A comprehensive catalogue, regularly expanded with new training topics.

80+

Companies Supported

Loyal Clients in Engineering, Construction, and Industry,

45

Expert Trainers

A Network of Certified and Experienced Professionals,

State-Accredited Under:

N°11/1593/17

Accredited Training Provider:

 **AUTODESK**
Authorized Training Center

 **AUTODESK**
Learning Partner

TABLE OF CONTENTS

01

General Information

MOSAÏQUE TRAINING's Services, Commitments, Offerings and Expertise

02

Training Services

Inter-company, In-company, Remote and Customized Training

03

Training Areas

Engineering, BIM & Architecture, Professional Skills, Transferable Skills, Environment & Energy

04

Practical Information

Our References and Contact Information



01

General Information

MOSAÏQUE TRAINING's Services, Commitments and Expertise

Our Services

01

Skills Development

We help companies strengthen their teams' skills through structured training programs aligned with their growth objectives.

02

Professional Training

We offer training programs tailored to the needs of companies and professionals, delivered face-to-face, remotely, or in a blended format, covering both technical and strategic areas.

03

Engineering & BIM

We support our clients in implementing and optimizing BIM processes, from modeling to project management, to enhance performance and improve team coordination.

04

Energy Consulting

We provide support in analyzing, optimizing, and managing energy performance, offering innovative and sustainable solutions tailored to each specific context.

05

Digital Learning & Solutions

We design customized digital solutions, including e-learning platforms, interactive content, and virtual classrooms, to provide a modern and flexible learning experience.

06

Audit & Diagnostics

We conduct technical and energy audits to identify areas for improvement, optimize performance, and reduce costs.

Our Commitments

01

Excellence opérationnelle

We design high-value training programs aligned with market requirements and international standards, ensuring that participants acquire skills that can be immediately applied in the workplace.

02

Practical and Customized Approach

Our experts guide you towards the most relevant solutions in terms of training content, digital tools (AutoCAD, Revit, BIM, etc.), duration, and level of specialization, ensuring targeted and optimized skills development.

03

Responsiveness and Flexibility

We promote collaborative learning through:

- Discussion groups** (forums, communities)
- Experience sharing** among participants
- Direct interaction** with trainers

04

Continuous Innovation

We integrate the latest technologies and teaching methods, including BIM, digital learning, and artificial intelligence, to provide a modern and effective learning experience.

05

Sustainable Partnership

Beyond training, we build long-term relationships of trust with our clients, supporting them in their development and transformation.

06

Certified Experts

Our training programs are delivered by recognized, certified, and experienced professionals who provide practical, hands-on knowledge that can be directly applied in the workplace.

Expertise to Develop Your Skills



When

Flexible Scheduling

Training sessions are scheduled around your business needs, allowing you to choose the timing that best fits your organization and professional commitments



Where

Train Wherever You Are

Access your training from home or directly from your workplace, with no need to travel or arrange accommodation



How

Learn Your Way

Choose a training approach that matches your level and objectives, with content tailored to your specific needs for a focused and effective learning experience.



02

Training Services

Inter-company, In-company, Remote and Customized Training

Intercompany & In-Company Training

Intercompany Training

MOSAÏQUE TRAINING offers scheduled training sessions on a wide range of predefined topics, delivered by recognized and experienced experts.

These sessions bring together employees from different companies, providing participants with the opportunity to learn, exchange experiences, and develop their skills in a collaborative professional environment.

In-Company Training

MOSAÏQUE TRAINING delivers customized training programs exclusively for employees within the same organization, with dates and schedules set according to the client's availability and business needs.

Training content can be tailored to your organization's specific context and adjusted to meet your objectives and expectations.

Remote & Customized Training

Remote Training

MOSAÏQUE TRAINING offers a flexible learning format that combines the benefits of face-to-face and online training.

Participants can attend training sessions remotely or join live webinars from wherever they are, without the need to travel.

- Our online and e-learning solutions provide greater flexibility while reducing time away from the workplace.

Customized Training

MOSAÏQUE TRAINING draws on its expertise in training engineering to design learning solutions tailored to your specific needs and business objectives.

We select qualified experts and specialists with a strong understanding of your industry and use specialized, certified tools to ensure relevant and effective training.

03

Training Areas

Engineering, BIM & Architecture, Professional Skills, Transferable Skills, Environment & Energy

FIVE AREAS OF EXPERTISE

01



Engineering

Reinforced Concrete, Steel & Timber Structures, AutoCAD Civil 3D, AutoCAD MEP

02



Architecture & Design (BIM)

Revit Architecture, Structure & MEP, and BIM Implementation



Professional Skills

MS Project, Quality Management & Occupational Risk Prevention

04



Transferable Skills

Sales Techniques, Negotiation & Personal Development

05



Environment & Energy

Corporate Social Responsibility (CSR) & Sustainable Water Management (Water Footprint)

AREA 01 — ENGINEERING

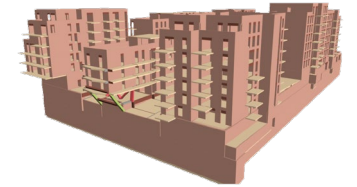
Structural & Civil Engineering

- Reinforced Concrete
- Steel Structures
- Timber Structures
- AutoCAD Civil 3D
- AutoCAD MEP



STRUCTURE & CIVIL ENGINEERING

Reinforced Concrete – Robot Training



Beginners · 4 Days / 20 Hours

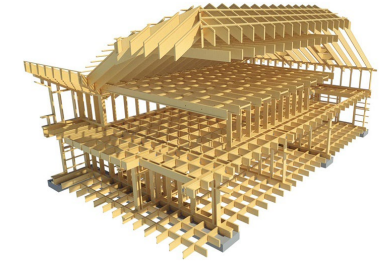
- Model a 3D reinforced concrete structure
- Analyze structural resistance results
- Understand the different calculation stages, from theoretical reinforcement design to actual reinforcement detailing
- Design the structure according to the selected standard
- Prepare the calculation report using the software and user screenshots

Advanced · 3 Days / 15 Hours

- Model a complex reinforced concrete structure in 3D.
- Analyze structural strength and material resistance results.
- Understand the different calculation stages, from theoretical reinforcement design to actual reinforcement detailing.
- Design the structure and obtain reinforcement layouts for slabs and raft foundations (shell elements).
- Prepare the structural calculation report using the software and user screenshots.

STRUCTURE & CIVIL ENGINEERING

Robot Structural Analysis: Timber Structures



Beginners · 2 days / 10 hours

- Model a 2D timber structure.
- Analyze structural strength and material resistance results.
- Understand the different stages of member verification and structural design according to the selected standard.
- Prepare a complete structural calculation report using the software and user screenshots.

Advanced · 1 day / 5 hours

- Perform advanced analysis and modifications of a 3D timber structure.
- Carry out advanced operations and modeling techniques in Robot 3D.
- Advanced Timber Design Calculations

STRUCTURE & CIVIL ENGINEERING

Formation Robot : Charpente métallique



Beginners · 4 days / 20 hours

- Model a 2D steel structure.
- Analyze structural strength and material resistance results.
- Understand the different stages of member verification and structural design according to the selected standard.
- Prepare the structural calculation report using the software and user screenshots.

Advanced · 3 day / 15 hours

- Perform advanced analysis and modifications of a 3D steel structure.
- Advanced operations in Robot 3D
- Nonlinear analysis, second-order analysis, modeling of initial imperfections, and fire resistance verification of a structure.
- Advanced Calculations in Steel Construction

AutoCAD Civil 3D Training

TARGET AUDIENCE

Project owners, civil and public works engineers, land-use planning professionals, surveyors, urban planners, landscape architects, AutoCAD users, and CAD technicians.

5 days · 30 hours

- User Interface Overview – Project Area
- DTM (Digital Terrain Model)
- Surface Modeling
- Volume Calculations
- Alignments
- Profile Views
- Cross-Section Views
- Grading and Earthworks (Slopes)
- Road Alignment Layout
- 3D Road Project Modeling
- Corridors & Materials
- Pipeline Network Modeling
- Surveying
- GPS Surveying & Data Collection
- Visualization & Analysis
- Data Management



STRUCTURES & CIVIL ENGINEERING

AutoCAD MEP Training

5 days · 30 hours

TARGET AUDIENCE

Architects, engineers, technicians, draftspeople, design professionals working in engineering firms, and project owners involved in the creation and modification of drawings.

- Introduction to AutoCAD MEP
- 3D Solid Modeling
- Starting a Project
- Catalogs
- HVAC
- Piping
- Plumbing
- Electrical Systems
- Clash Detection
- Schedules



Building Information Modeling

- BIM Process Implementation
- Revit Architecture
- Revit Structure
- Revit MEP



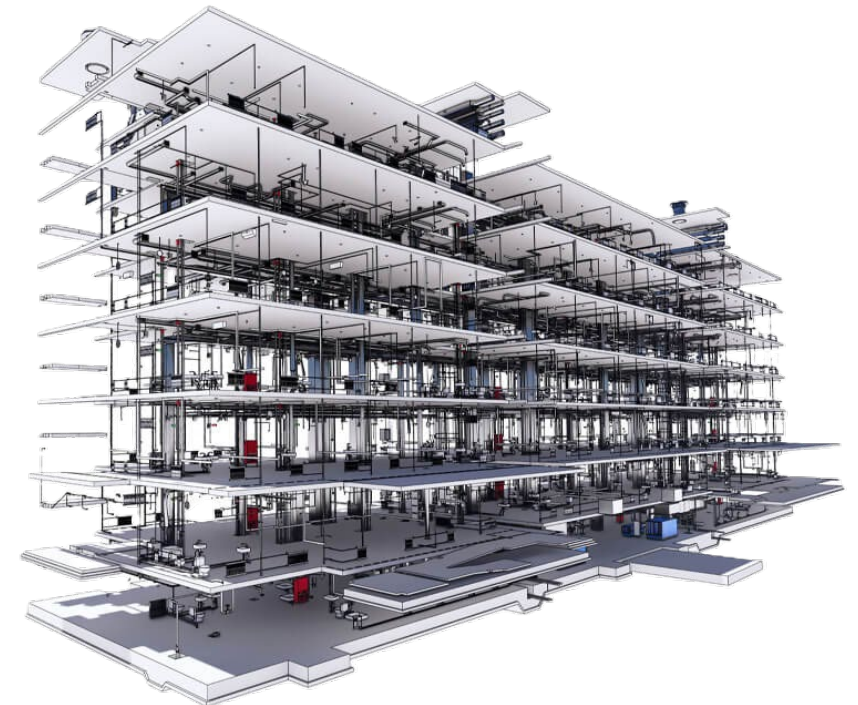
BIM Process Implementation Training

5 days · 30 hours

TARGET AUDIENCE

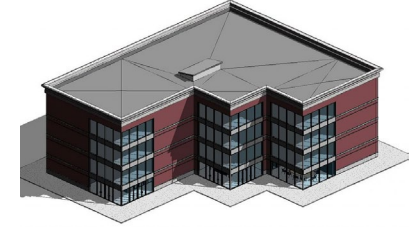
University students: Architecture, Civil Engineering, Structural Engineering, Mechanical Engineering, and Electrical Engineering.

- Day 1 — Introduction to BIM and the Revit User Interface
- Day 2 — Project Geometry Using Reference Elements (Levels and Grids)
- Day 3 — Element Classification Hierarchy and Parametric Logic
- Day 4 — Linking and Coordinating Interdisciplinary Projects
- Day 5 — Multi-User Collaboration and Project Sharing



BUILDING INFORMATION MODELING

Revit Architecture Training



Level 1 · Beginner (5 days / 30 hours)

- Day 1 — Architectural Walls Fundamentals and Composite Layer Structure
- Day 2 — Openings, Opening Placement, and Loadable Door/Window Libraries
- Day 3 — Horizontal Floors, Ceilings, and Custom Multi-Slope Roof Structures
- Day 4 — Vertical Circulation and Interior Room Modeling
- Day 5 — Automated Schedules and Sheet Creation

Level 2 · Advanced (5 days / 30 hours)

- Day 1 — Custom Curtain Wall System Patterns and Complex Storefronts
- Day 2 — Conceptual Massing Systems and Organic Architectural Forms
- Day 3 — Parametric Family Editor and Custom Component Creation
- Day 4 — Construction Phase Management and Design Option Studies
- Day 5 — High-End Material Textures, Visual Rendering, and Camera Walkthroughs

BUILDING INFORMATION MODELING

Revit Structure Training



Level 1 · Beginner (5 days / 30 hours)

- Day 1 — Foundation Systems(Isolated Footings, Strip Footings, and Raft Foundations)
- Day 2 — Structural Column Framing and Material Profiles
- Day 3 — Beam Systems and Structural Beam Layouts
- Day 4 — Structural Floor Slabs and Structural Shear Walls
- Day 5 — Basic Structural Tagging, Steel Connection Placement, and Schedules

Level 2 · Advanced (5 days / 30 hours)

- Day 1 — Concrete Reinforcement Modeling(3D Reinforcement Layouts and Rebar Sets)
- Day 2 — Advanced Steel Connections, Custom Gusset Plates, and Base Plate Detailing
- Day 3 — Custom Structural Trusses and Sloped Roof Framing Systems
- Day 4 — Analytical Model Optimization and Finite Element Load Cases
- Day 5 — Interoperability and Integration with Structural Analysis Software

BUILDING INFORMATION MODELING

Revit MEP Training (Mechanical, HVAC & Plumbing)

Level 1 · Beginner (5 days / 30 hours)

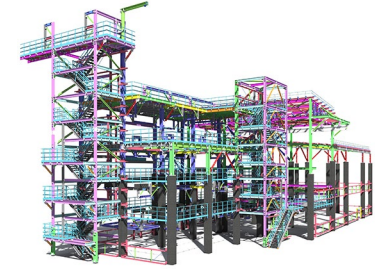
- Day 1 — Mechanical Space Planning and Airflow Load Parameters
- Day 2 — HVAC Equipment Placement and Primary Air Distribution Systems
- Day 3 — Duct Routing and Automated Sizing Calculations
- Day 4 — Plumbing Fixtures and Domestic Hot/Cold Water Piping Systems
- Day 5 — Sanitary Drainage Piping and Basic MEP Documentation Setup

Level 2 · Advanced (5 days / 30 hours)

- Day 1 — Mechanical Plant Rooms and Central Energy Infrastructure
- Day 2 — Hydronic Piping Systems and Closed-Loop Network Sizing
- Day 3 — Sloped Industrial/Sanitary Systems and Specialized Gas Networks
- Day 4 — Advanced Parametric MEP Families and Flow Connector Parameters
- Day 5 — Interdisciplinary Coordination and Advanced Clash Detection

BUILDING INFORMATION MODELING

Revit MEP Training (Electrical)



Level 1 · Basic (5 days / 30 hours)

- Day 1 — Electrical Parameters, Workspace Setup and Lighting Fixture Layout
- Day 2 — Power Device Placement and Local Equipment Allocation
- Day 3 — Creating Electrical Circuits and Connecting to Distribution Panels
- Day 4 — Cable Tray Containment and Conduit Routing
- Day 5 — Generating Panel Schedules and Initial Electrical Documentation

Level 2 · Advanced (5 days / 30 hours)

- Day 1 — Electrical Substation Infrastructure and Heavy Equipment Layout
- Day 2 — Multi-Level Distribution Panel Cascading and Dynamic Load Calculations
- Day 3 — Low-Voltage (LV) Systems for Communication, Fire Alarm and Security Networks
- Day 4 — Advanced Lighting-to-Lux Calculations and External Simulation Integration
- Day 5 — Creating Advanced Electrical Families and Electrical Clearance Rules

AREA 3 — PROFESSIONAL SKILLS

PROFESSIONAL SKILLS

- MS Project
- Fundamentals of Quality Management
- Occupational Risk Prevention



PROFESSIONAL SKILLS

MS Project Training

3 days · 18 hours



TARGET AUDIENCE

Project Managers, Activity Managers, Project Leads or Project Assistants, PMO Consultants

Day 1

- Understanding Project Management
- Initiating the Project
- Managing Project Schedules

Day 2

- Tasks, Phases, Milestones
- Managing Views
- Using Dialog Boxes
- Managing Resources

Day 3

- Planning and Tracking Across Multiple Projects
- Customizing MS Project

PROFESSIONAL SKILLS

Fundamentals of Quality Management

5 days · 15 hours

TARGET AUDIENCE

Quality Managers, Process Managers, Internal and External Auditors, and anyone involved in the development of a Quality Management System (QMS).

-
- Master the concepts, principles, and key issues of quality management
 - Identify the benefits of a Quality Management System (QMS) for the organization
 - Understand the requirements of ISO 9001 and other quality standards
 - Understand best practices for bringing a management system into compliance
 - Plan, structure, and document a Quality Management System
 - Define processes, responsibilities, and key performance indicators (KPIs)
 - Implement corrective and preventive actions to improve quality
 - Organize and conduct internal and external audits
 - Identify non-conformities and propose effective corrective actions
 - Raise teams' awareness and strengthen their commitment to quality
 - Effectively communicate quality objectives and results to stakeholders

PROFESSIONAL SKILLS

Occupational Risk Prevention

2 Days



TARGET AUDIENCE

HSE / Occupational Health and Safety Managers, Project Managers, Managers and Team Leaders, HR Managers, Site and Workshop Managers.

-
- Understand the key issues related to occupational health and safety
 - Identify and assess occupational risks
 - Implement appropriate preventive measures
 - Understand legal requirements related to Occupational Health and Safety (OHS)
 - Improve working conditions and employee well-being
 - Reduce workplace accidents and occupational diseases
 - Develop a safety culture within the organization
 - Manage emergency situations and incidents

AREA 04 — TRANSVERSAL SKILLS

Cross-Functional Skills

- Sales Techniques
- Negotiation Techniques
- Developing Personal and Professional Potential

TRANSVERSAL SKILLS

Sales Techniques

3 Days



TARGET AUDIENCE

Project Managers, Sales Managers, Sales Directors, Branch Managers, and Inside Sales Team Leaders.

- Recognize the essential qualities required for a sales professional
- Develop communication skills that facilitate the sales process
- Structure a sales interview effectively and logically
- Present convincing arguments based on the customer's motivations
- Strengthen day-to-day effectiveness as a Sales Manager:
 - Choose a negotiation strategy to close a sale
 - Develop motivation and team spirit to boost sales
 - Handle challenging management situations

TRANSVERSAL SKILLS

Negotiation Techniques

2 Days



TARGET AUDIENCE

Experienced Sales Professionals seeking to enhance their sales effectiveness by mastering negotiation techniques.

- Define differences in positions and room for maneuver
- Explore communication tools that facilitate sales and prevent conflicts
- Choose a negotiation strategy
- Master effective tools for managing confrontational situations
- Understand the different negotiation tactics
- Master these techniques to enhance professional effectiveness

Developing Personal & Professional Potential

2 Days

Anyone wishing to improve their personal and professional performance.

1. Know Yourself Better to Act More Effectively

- Identify strengths, areas for improvement, and sources of motivation
- Develop self-confidence and self-esteem
- Manage emotions and maintain personal balance

2. Improve Communication

- Communicate clearly, assertively, and with empathy
- Strengthen active listening and empathy
- Manage challenging interpersonal situations

3. Motivation and Engagement

- Strengthen individual and collective motivation
- Develop perseverance and resilience
- Foster autonomy and accountability

4. Stress and Priority Management

- Identify sources of workplace stress
- Stress management and relaxation techniques
- Manage time and set priorities

5. Personal and Professional Effectiveness

- Set clear and achievable goals
- Develop initiative and decision-making skills
- Improve performance for the benefit of the team

AREA 04 — ENVIRONMENT & ENERGY

Environnement & energy

- Corporate Social Responsibility (CSR)
- Sustainable Water Management (Water Footprint)

Sustainable Water Management (Water Footprint)

2 Days

Anyone involved in environmental performance.

Module 1 — Introduction and Key Issues

- Definition of the Water Footprint
- Water Stress and Water Scarcity
- Direct vs. Indirect Water Consumption

Module 2 — Water Footprint Components

- Blue Water: Water Withdrawals and Consumption
- Green Water: Rainwater and Agriculture
- Grey Water: Pollution and Dilution
- Case Studies: Agri-food, Textile, and Industrial Sectors

Module 3 — Measurement and Methods

- Methods and Standards (General Principles)
- Required Data and Limitations
- Key Indicators to Monitor

Module 4 — Reduction Strategies

- Mapping Water Uses
- Process Optimization and Best Practices
- Water Reuse and Recycling
- Effluent Management and Treatment

ENVIRONMENT & ENERGY

From Sustainable Development to CSR

2 Days



TARGET AUDIENCE

Anyone involved in environmental performance.

- Understand the key concepts: sustainable development, CSR, and ESG (Environmental, Social and Governance)
- Identify the key challenges and their impacts on the company
- Recognize stakeholder expectations and their influence
- Familiarize yourself with the main frameworks (ISO 26000, SDGs)
- Understand the basics of CSR indicators and reporting

CUSTOMIZED TRAINING

New topics may be added based on market trends and emerging developments.

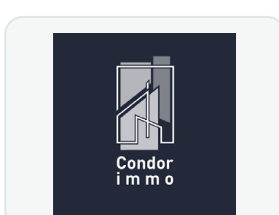
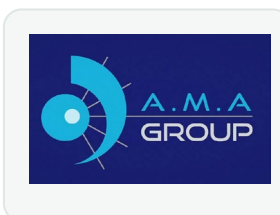
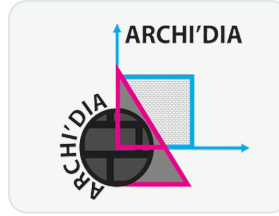
04

Practical Information

Our References & Contact Information

PRACTICAL INFORMATION

They Trusted Us



PRACTICAL INFORMATION

Contact Us

TRAINING MANAGER

Takoua Bellassoued

+216 98 900 582 • takoua.bellassoued@mosaique-training.com

TRAINING COORDINATOR

Sabrine Tlili

+216 29 470 244 • sabrine.tlili@mosaique-training.com

FOLLOW US



mosaique-training.com



Facebook : Mosaique Training



LinkedIn : Mosaique Training



headoffice@mosaique-training.com