



# إتقان إدارة معلومات الأصول الرقمية: دورة تدريبية متقدمة



## إتقان إدارة معلومات الأصول الرقمية: دورة تدريبية متقدمة

الرجع: 36287\_21541 التاريخ: 15 - 19 Jun 2027 الموقع: القاهرة الرسوم: Euro 4100

### Course Overview:

This is course designed to provide professionals with cutting-edge knowledge and skills in managing digital assets using Building Information Modeling BIM. This advanced asset management training focuses on integrating BIM into asset management, maximizing the use of cloud-based BIM systems, and enhancing facility management systems integration. Participants will learn to capture and document asset information using photogrammetry and laser scanning, develop asset information delivery plans, and address FM data requirements for as-built BIM models. By the end of this course, attendees will have a comprehensive understanding of digital asset information management and be equipped to implement BIM-based asset management effectively.

### Target Audience:

- Facility Managers
  - BIM Coordinators
  - Asset Managers
  - Maintenance Engineers
  - IT Professionals in Asset Management
  - Project Managers in Construction and Facilities Management
- This course addresses skills gaps in digital asset management and career milestones in implementing and optimizing BIM for asset management.

### Targeted Organizational Departments:

- Facility Management
  - Asset Management
  - IT and Data Management
  - Project Management
- Maintenance and Operations These departments will benefit from enhanced asset information management and integration with facility management systems.

## Targeted Industries:

- Construction •
  - Real Estate •
  - Facilities Management •
  - Infrastructure Management •
  - Manufacturing •
- These industries face challenges and regulatory requirements that make digital asset information management crucial for operational efficiency and compliance.

## Course Offerings:

By the end of this course, participants will be able to:

- Implement BIM-based asset management. •
- Develop and execute asset information delivery plans. •
- Utilize photogrammetry and laser scanning for asset documentation. •
- Integrate traditional documentation with digital asset management. •
- Optimize BIM models for facility management. •

## Training Methodology:

This course employs a mix of case studies, group work, interactive sessions, and feedback loops to ensure practical understanding and application. Participants will engage in hands-on activities to develop and implement asset information delivery plans, capture asset data using photogrammetry and laser scanning, and integrate BIM models into facility management systems.

## Course Toolbox:

- Comprehensive workbooks •
- Access to BIM software •
- Photogrammetry and laser scanning tools •
- Online resources for asset management •
- Checklists and templates for BIM and FM integration •

## Course Agenda:

### Day 1: Introduction to Digital Asset Information Management

- Introduction to Digital Asset Information Management Topic 1: •
- Overview of BIM-based Asset Management Topic 2: •
- Investigating Existing Asset Management Systems Topic 3: •
- Identifying Asset Information Requirements Topic 4: •
- Mapping Asset Information to Open Standards Topic 5: •
- Developing an Asset Information Delivery Plan Topic 6: •
- Reflection on the importance of asset information and initial steps in implementing BIM based asset management Reflection & Review: •

### Day 2: Capturing and Documenting Asset Information

- Reviewing and Evaluating Asset Information Topic 1: •
- Capturing Information on Existing Assets Lacking Documentation Topic 2: •
- Photogrammetry Techniques for Asset Documentation Topic 3: •
- Laser Scanning for Asset Documentation Topic 4: •
- Traditional Documentation as an Asset Information Source Topic 5: •
- Adapting BIM Models for Asset Management Topic 6: •
- Review of capturing techniques and integrating traditional and digital documentation Reflection & Review: •
- methods

### Day 3: Advanced BIM Integration for Asset Management

- The Modelling Gaps between Architecture, Engineering, Construction, and Facilities Management Topic 1: •
- Evolution of BIM from Design to Facilities Management Topic 2: •
- Integration with Facility Management Systems Topic 3: •
- Organisation of Information within BIM Models Topic 4: •
- Information Transfer versus Integration Topic 5: •
- Benefits of Cloud-based BIM and Facility Management Systems Topic 6: •
- Discuss the evolution and integration of BIM with facility management systems Reflection & Review: •

## Day 4: Optimizing Asset Management through BIM

- Space as the Basic Organiser of Facilities Data Topic 1: •
- Assets as a Cornerstone of BIM and Facilities Maintenance Topic 2: •
- FM Data Requirements for As-built BIM Models Topic 3: •
- Issues Encountered with BIM Models Supplied for Conversion to BIM-FM Topic 4: •
- Pre-flight Preparation of BIM for Better Data and Operational Use in the FM System Topic 5: •
- Maximising BIM for Asset Management Topic 6: •
- Review optimization techniques and address common issues in BIM-FM conversion Reflection & Review: •

## Day 5: Practical Applications and Future Trends in DAIM

- Case Studies on Successful BIM-based Asset Management Implementations Topic 1: •
- Hands-on Workshop: Developing an Asset Information Delivery Plan Topic 2: •
- Interactive Session: Photogrammetry and Laser Scanning in Practice Topic 3: •
- Panel Discussion: Future Trends in Digital Asset Information Management Topic 4: •
- Group Work: Solving Common BIM Integration Challenges Topic 5: •
- Feedback Session: Applying Course Learnings to Real-world Scenarios Topic 6: •
- Reflect on the course learnings, practical applications, and future directions in digital Reflection & Review: •  
asset information management

## How This Course is Different from Other DAIM Courses:

This course stands out by offering a deep dive into the practical application of BIM in asset management, with a strong focus on current industry challenges and technological advancements. Unlike other courses, it provides hands-on training in photogrammetry and laser scanning, integration with cloud-based systems, and detailed methodologies for developing and executing asset information delivery plans. Participants will leave with actionable skills and tools to implement BIM-based asset management effectively, ensuring their organizations can optimize asset lifecycles and improve operational efficiency.



## فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



دورات النظم السيبراني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



دورات الصحة والسلامة والأمن المهني



دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



**AGILE LEADERS**  
Training Center

## فئات الدورات التدريبية



دورات معتمدة من قبل هيئات دولية



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة  
المالية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية

## مدن التدريب



أمستردام - هولندا



أكرا - غانا



أثينا - اليونان



أبوظبي - الإمارات العربية المتحدة



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



استنبول - تركيا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



الرياض - المملكة العربية السعودية



بانكوك - تايلند



بالي - جمهورية إندونيسيا



بأكو - أذربيجان



باريس - فرنسا

## مدن التدريب



بورنو - البرتغال



برلين - ألمانيا



برشلونة - إسبانيا



براغ - جمهورية التشيك



جنيف - سويسرا



جاكرتا - جمهورية إندونيسيا



تيليسي - جورجيا



بوكيت - تايلاند



زنجبار - تنزانيا



روما - إيطاليا



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



شهر الشيخ - مصر



سيول - كوريا الجنوبية



سنغافورة - سنغافورة



سان دييغو - الولايات المتحدة الأمريكية

## مدن التدريب



طوكيو - اليابان



طشقند - اوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة  
الأمريكية



فيينا - النمسا



فرانكفورت - ألمانيا



عن بعد - منصة زووم



عمان - المملكة الأردنية الهاشمية



لشبونة - البرتغال



لانكاوي - ماليزيا



كاب تاون - جنوب إفريقيا



كوالالمبور - ماليزيا



مسقط - سلطنة عمان



مدريد - إسبانيا



ماربيا - إسبانيا



لندن - المملكة المتحدة

## مدن التدريب



نيروبي - كينيا



ميونخ - ألمانيا



ميلان - إيطاليا



مونترنو - سويسرا



نيس - فرنسا

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



**AGILE LEADERS**  
Training Center

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