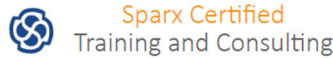
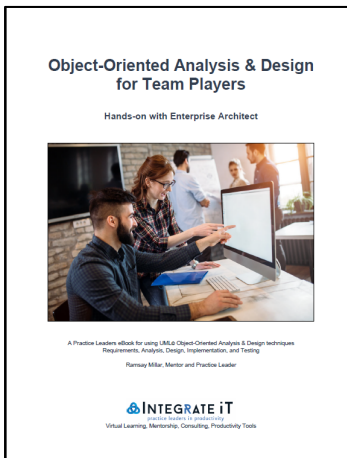


Object-Oriented Analysis & Design for Team Players



Hands-on Virtual Learning and Mentorship

Duration 2.5 days



This intensive "hands-on" Workshop reveals the importance of developing UML modeling skills and productivity techniques. Work directly with a practice leader using the provided "Enterprise Architect for Team Players" study guide, and Enterprise Architect Case Study.

Successful business and software requirements management integrated with software engineering delivery cuts to the very core of managing business expectations and delivering quality business and software application solutions.

Experience hands-on UML modeling and learn how to use Enterprise Architect for your next project. Discover surprising ways to improve quality and save time under the watchful eye of practice leaders. Rapidly practice and learn an agile approach and practice modeling every OMG UML standard diagram. Learn where and why to apply each diagram. Expert led training and hands-on practice workshops (3 days)

This intensive "hands-on" Workshop reveals the importance of developing UML modeling skills and productivity techniques. Work directly with a practice leader using the provided "Sparx Enterprise Architect Quick Start" Course Book and Case Study.

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Experience hands-on UML modeling and learn how to use Enterprise Architect for your next project. Discover surprising ways to improve quality and save time under the watchful eye of practice leaders. Rapidly practice and learn a simple Agile approach called RADIT and practice modeling every OMG UML standard diagram. Learn where and why to apply each diagram.

What you will Learn

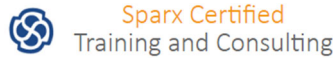
- Learn how to use Sparx Enterprise Architect to deliver your next project
- Practice developing Requirements, Analysis, Design, Implementation, and Testing
- Learn how UML models are effective for requirements and software development projects
- Learn which UML diagram to choose to meet your specific modeling needs
- Practice modeling and writing use case stories
- Practice Requirements Management for re-use and traceability
- Develop UI Dialogs and Data models
- Develop Design Sequence, State and Class diagrams
- Develop Testing Scenarios
- Become practiced and confident in your use of Enterprise Architect
- Generate Word and HTML documentation using Enterprise Architect



practice leaders in productivity

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What you will Receive

Experience the most comprehensive Virtual Learning available when you schedule your next event from INTEGRATE IT. Learn from a highly experienced consultant and mentor who reveals proven industry best practices and prepares you or your team to become highly skilled and confident in your use of Enterprise Architect by Sparx Systems. Please contact me immediately if you have any problems with your installation or course readiness.

Ramsay.Millar@in2grateit.com or call 1 (541) 645-0016



Mentor

Your Mentor and Practice Leader - Ramsay Millar has delivered over 1,100 business and technology modeling project assignments and trained over 4,000 business architects, business analysts, enterprise architects, agile project managers, solution architects and software engineers since 2001. The professionals Ramsay has mentored appreciate his common sense, wide industry skills, and the direct experience he brings to the show. Connect with [Ramsay Millar](#) be endorsed for completing your Course.



Screen 1 - Download and install the supplied Enterprise Architect Case Study to your Desktop. The Repository and additional course resources contain everything you'll need to get started including re-useable Repository, Project and Document Templates, Diagram Stencils, and real-world consulting Case Study examples. Run Zoom on Screen 1 for real-time mentor screen support and sharing.



Screen 2 – Using a Browser Link to your personal Practice Leaders eBook on to view, search, print, and make notes on your eBook. The Practice Leaders eBook contains practical steps required to deliver your next modeling project using Enterprise Architect. Your eBook is tightly linked to the Enterprise Architect Case Study



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Course Outline

Getting Started with Enterprise Architect

1. Introduction
2. Login to the ALLin1 EA Repository – Let's Practice!
3. What is an Enterprise Architecture Repository? – Let's Practice!
4. Modeling Best Practices
5. START – Searching the Model - Let's Practice!
6. DESIGN - Mastering diagrams - Let's Practice!
7. LAYOUT - Themes and Appearance – Let's Practice!
8. DEVELOP – Database Modeling
9. PUBLISH – Publish Documentation
10. SIMULATE – Business Process Simulation
11. SPECIALIZE - Microsoft Office Integration
12. CONSTRUCT – Kanban
13. EXECUTE - Code Execution
14. CONFIGURE – Security, Groups, Permissions
15. Enterprise Architect – Model, Share, Engage, Collaborate

Requirements

1. Requirements Management Best Practices
2. Re-use and Traceability across the Landscape
3. Develop the Business Requirements Definition (BRD) - Let's Practice!
4. Scope Context model – Let's Practice!
5. Stakeholder Analysis – Let's Practice!
6. Sprint Planning – Let's Practice!
7. Storyboard model – Let's Practice!
8. Writing a Story – Let's Practice!
9. UI Dialog model – Let's Practice!
10. Data Requirements – Let's Practice!
11. Business Rules – Let's Practice!
12. Functional Requirements – Let's Practice!
13. Tracing Impacts and Requirements – Let's Practice!
14. User Acceptance Testing – Let's Practice!
15. Generate MS Word Documents – Let's Practice!

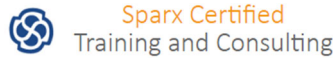
Analysis

1. Analysis Best practices
2. Analysis - Sequence diagram – Let's Practice!
3. Boundary Objects – User Experience – Let's Practice!
4. Business Objects



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5. Data Objects – Let's Practice!
6. Physical Data model – DDL – Let's Practice!
7. Reverse Engineer a Database – Let's Practice!
8. Generate a Data Modeling Report– Let's Practice!
9. Creating Tables, Attributes and Foreign Keys – Let's Practice!
10. Creating Indexes, Triggers, Procedures

Design

1. Software Engineering best practice techniques
2. Reference models and Standards
3. UML Design Patterns
4. Model Driven Architecture (MDA)
5. Reverse Engineering – Let's Practice!
6. Design deliverables
7. Sequence diagram – Let's Practice!
8. Designing Messages & Operations – Let's Practice!
9. UML State diagram – Let's Practice!
10. Class diagram – Let's Practice!
11. Designing Associations, Aggregation & Inheritance – Let's Practice!
12. Designing Implementation packages

Implementation

1. Create a Component Sequence diagram – Let's Practice!
2. Create a Component Traceability diagram – Let's Practice!
3. Component Traceability – Let's Practice!
4. Create a Deployment diagram – Let's Practice!

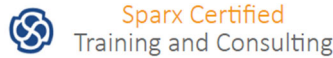
Testing

1. Software Testing Best Practices
2. Create a Test Plan – Let's Practice!
3. Scope of Testing – Let's Practice!
4. Create a Scenario Test Case – Let's Practice
5. Writing a Test Case – Let's Practice!
6. Creating a Component Test Case – Let's Practice!
7. Adding Core Requirements – Let's Practice!
8. Requirements Traceability – Let's Practice
9. Writing Tests – Let's Practice
10. Unit Testing
11. Integration Testing
12. Scenario Testing – Let's Practice!
13. User Acceptance Testing – Let's Practice!
14. Software Test Reporting – Let's Practice!



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Testimonials

"Congrats and we who have taken a Ramsay Millar class know his superior technical education skills. Content, delivery, and real-world practical application of what you learn is his hallmark. INTEGRATE IT Inc. is so fortunate to have such a professional on staff for so long. When you have Ramsay as a mentor and instructor, you are a student for life, and you resolve the toughest issues together. Thank you, Ramsay; I am so grateful to be a student of your work. I hope soon the world will see the value of your work and why it is the cornerstone of digital transformation—looking for the 25th year!"
– Patrick Simon, Beehive Consulting

"It has been nearly impossible to figure out how to use Enterprise Architect to manage a real project. INTEGRATE iT involved the entire project team and we are saving time and producing quality requirements within one week"
– Director, Agile Software Delivery

"Even though Enterprise Architect is an extremely powerful tool and more feature rich than all the competing products we have reviewed in our RFP, it is hard to apply it without proper mentorship delivered by Ramsay Millar." – Marc Ginns, Chief Enterprise Architect, Duke Energy

"The Toolkits provided by INTEGRATE iT during the course saved our Fortune 10 Healthcare company many months of standards work and setup time, we began our critical project immediately after training. There isn't a week that goes by when I'm not using one of the productivity tools to help solve problems, speed things or make my team more productive."
- Fiona Lindberg, Business Architect – McKesson Health Systems

Healthcare Transformation Case Study

Closing the Gap – Dr Dobbs Interview

Certifications

Our expert instructors work closely with every student to personally ensure they fully grasp every lesson plan during the hands-on workshops sessions and long after the course to mentor and ensure that your TOGAF® Certification is achieved and your Enterprise Architect practice is well established.



- Sparx Systems Enterprise Architect Certification
- Certificate of Education Credits

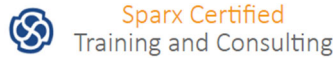
Who needs to Attend

- All learners, Software Testers, QA Analysts, Software Engineers, Business Analysts, Project Managers



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INTEGRATE IT is dedicated to assisting you to build better business solutions. Our proven mentors, techniques, and tools align business and IT solution outcomes by reducing risks while improving value. We orchestrate virtual learning, consulting, and productivity tools that harmonize Business Models, Enterprise Architecture, Process Improvement, Agile Project Management, and Software Solutions. Our highly skilled people have assisted 110 of the Fortune 500 companies, completed over 200 business modeling and IT alignment assignments, and trained over 5,000 business architects, business analysts, enterprise architects, project managers, and software engineers. Our organization follows a proven approach that is effective for all stakeholders across many business sectors.

We maintain our good reputation of providing professional mentorship and skills development by:

- Ensuring alignment of business needs that drive digital solution outcomes
- Improving business process modeling outcomes
- Improving lifecycle of business modeling, architecture, requirements, design to software delivery
- Reducing time needed to complete requirements gathering and software delivery projects

We focus on expertise and are tools agnostic, so we deliver our courses without or with tools. We endorse Sparx Systems Enterprise Architect to our clients looking for model driven approaches to greatly improve productivity. Every day we deliver to make you successful and assist you meet your project needs and budget in these areas:

Professional Services

- ✓ Business Architecture
- ✓ Business Analysis
- ✓ Business Case Preparation
- ✓ Business Process Improvement
- ✓ Disciplined Agile Delivery
- ✓ Course Development
- ✓ Enterprise Architecture
- ✓ Kanban Management Method
- ✓ Management Consulting
- ✓ Model Based OOAD Software Engineering
- ✓ Rapid Assessments
- ✓ TOGAF® Deployment Projects

Enterprise Architecture Courseware

- ✓ Business Analysis Fundamentals
- ✓ Business Modeling Fundamentals
- ✓ BPMN® Process Modeling
- ✓ Communication Skills for Enterprise Architects
- ✓ Information and Data Modeling
- ✓ Digital Transformation Workshop
- ✓ Disciplined Agile Delivery for Teams
- ✓ Dev Ops (OOAD) for Teams
- ✓ Requirements Management
- ✓ Solution Architecture Fundamentals
- ✓ TOGAF® Exam Prep mentorship
- ✓ TOGAF® Architecture Development

Enterprise Architect Repository

- ✓ Architecture Repository Setup and Training
- ✓ Custom Metamodel and MDG Development
- ✓ Integrations, Data Harvesting, Migrations
- ✓ Prolaborate EAcloud POC (Azure, AWS)

Value-add Resellers

- ✓ Ability Engineering - EADocX
- ✓ Ability Engineering - Model Expert
- ✓ Sparx Systems - Enterprise Architect
- ✓ Sparx Systems – Prolaborate, PCS



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