Enterprise Architect for Team Players

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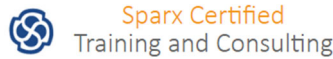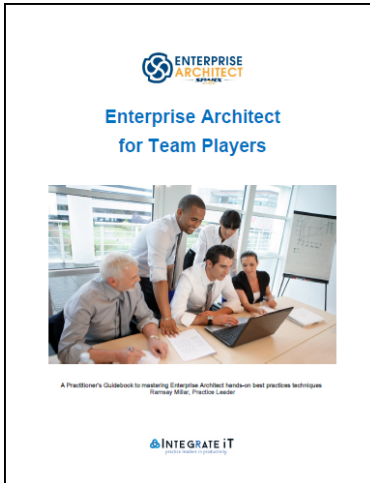
Developing a Project for Business Requirements, Process Modeling, Solutions Architecture and OOAD Software Engineering using Enterprise Architect

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.

What You'll Learn

Our expert instructor works closely with every student to personally ensure they fully grasp every lesson plan during the hands-on workshops sessions to ensure that the Certification is achieved
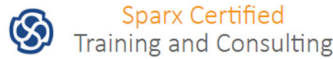
- Learn how to use Enterprise Architect to deliver your next project
- Practice developing Process Models, Requirements Management, Solutions Architecture, Software Engineering Design, and Testing
- Learn how OMG UML models are effective for architecture and development projects
- Learn which OG UML diagram to choose to meet your specific modeling needs
- Become practiced and confident in your use of Enterprise Architect
- Generate Word, Excel, and HTML documentation using Enterprise Architect
- Learn numerous productivity tips

Practice Hands-on Business Process Improvement modeling using BPMN 2

- Learn and Practice a skillful Process Modeling Method
- Create a Process Scope diagram
- Create a When and What Matrix
- Model the Process Happy Path
- Model Alternate Paths, Exception Paths
- Model Child-Level Diagrams
- Learn the easy way to be successful using the BPMN 2.0 Notation

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- Learn how when and how to model Events
- Learn how to model Activity and Sequence Flow
- Learn how to model Parallel Split and Join
- Learn how to model Lanes, Pools, and Message Flows

Practice Hands-on developing the Business Requirements Definition (BRD)

- Learn how to develop a Business Requirements Definition (BRD)
- Business Analysis best practice techniques using the complimentary BABOK Stencils
- Learn to skills to develop the Business Requirements Definition
- Practice Requirements Management and re-use requirements
- Create a Stakeholder Analysis
- Create a Context Model
- Learn how to build Sprint Plans
- Model Storyboards and write easy, medium, and difficult stories
- Create a UI Dialog model
- Write Data Requirements, Business Rules, and Functional Requirements
- Model, analyze, document instantly trace requirements across the landscape
- Generate web, spreadsheet and word documents using reuse standard templates

Practice Hands-on developing the Solutions Architect Definition (SAD)

- Learn how to develop a Software Architecture Definition (SAD)
- Practice Solutions Architecture techniques using ITBoK Stencils
- Learn how to model a Solutions Architecture Overview diagram
- Model Solution Building Blocks using a Technical Reference Model
- Create Design Collaborations
- Create Deployment models
- Resolve Impacts and Traceability of Solutions
- Model, analyze, document instantly trace requirements across the landscape
- Generate web, spreadsheet and word documents using reuse standard templates

Practice Hands-on developing Software Engineering Solutions

- Hands-on practice object-Oriented Analysis and Design
- Learn to skills to build Software Design and Code Generation
- Develop Sequence Diagrams, State Diagrams, Class Diagrams
- Design Messages, Methods
- Design Inheritance, Composition and Association Relationships

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Course Outline

Enterprise Architect Getting Started

1) Loading your Course Case Study
2) Enterprise Architect – Architecture and Software Lifecycle Tool
3) Introductions
4) Understanding Unified Modeling Language
5) START - Search in Model – Do Now!,
6) DESIGN - Package, Diagram, Element – Do Now!
7) LAYOUT - Status - Do Now!
8) SPECIALIZE - Manage Technologies – Do Now!
9) PUBLISH - Documentation – Do Now!
10) CONSTRUCT - Testing – Do Now!
11) SIMULATE - BPSim
12) CODE - Code Generation
13) EXECUTE - Debugger, Recorder
14) CONFIGURE – Image Library, Security – Do Now!
15) Enterprise Architect – Collaboration and Integration

Business Analyst

1) Requirements Management Best Practices
2) Re-use and Traceability across the Landscape
3) Develop the Software Requirements Specification (SRS)
4) Stakeholder Analysis – Do Now!
5) Context model – Do Now!
6) Process model using BPMN 2 - Do Now!
7) Sprint Planning – Do Now!
8) Storyboard model – Do Now!
9) Writing a Story – Do Now!
10) UI Dialog model – Do Now!
11) Data Requirements – Do Now!
12) Business Rules – Do Now!
13) Functional Requirements – Do Now!
14) Tracing Impacts and Requirements – Do Now!
15) Generate MS Word BRD Document – Do Now!

Solution Architect

1) Solutions Architecture best practices
2) Reuse Reference Models – Do Now!
3) Develop Solutions Architecture Definition
4) Solutions Architecture Overview
5) Stakeholder Analysis
6) Solution Building Blocks – Do Now!

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7) Model Solution Building Blocks – Do Now!
8) Design Communication Model – Do Now!
9) Solution Architecture Requirements – Do Now!
10) Application to Capability Relationship Matrix – Do Now!
11) Resolve Impacts and Traceability – Do Now!
12) Generate Solutions Architecture Definition – Do Now!

Software Engineer

1) Object Analysis and Design using UML
2) Software Design Patterns – Do Now!
3) Model Driven Architecture (MDA)
4) Code Warrior – Reverse Engineering – Do Now!
5) Construction – Design deliverables
6) Designing Behavior – Sequence diagram – Do Now!
7) Designing Messages & Operations – Do Now!
8) UML State diagram – Do Now!
9) Designing Structure – Class diagram – Do Now!
10) Designing Associations, Aggregation & Inheritance – Do Now!
11) Data modeling – Do Now!
12) Designing Implementation packages

Technology Architect

1) Technology Architecture best practices
2) Reuse Reference Models
3) Develop Technology Architecture Definition
4) Technology Architecture Overview
5) Identify stakeholders concerns and needs
6) Technology Solution Building Blocks – Do Now!
7) Create a Deployment model – Do Now!
8) Technology Architecture Requirements – Do Now!
9) SBB infrastructure app to server Matrix – Do Now!
10) Resolve Impacts and Traceability – Do Now!
11) Generate Technology Architecture Definition – Do Now!

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Course Take Aways

Save time and immediately power up your practice during the course and your next project. Every participant receives the following course handouts:

- Course Guidebook and Self-Study Case study
- Complimentary ALLin1 Repository Frameworks saves weeks of Repository setup time
- Complimentary ALLin1 Stencils, Diagram and Matrices
- Work Packages Standard Templates to generate documentation
- Pre-built reuse Catalogs, Matrices, Diagram Patterns
- MS Word, MS Excel, and PowerPoint integration and reuse Templates
- Receive Community Sharing and support on LinkedIn Enterprise Architect User Group

Who needs to Attend

Business Analysts, Process Analysts, Enterprise Architects, Project Managers, Solution Architects, Software Engineers, Students of Agile Software Engineering (OOAD)

Certifications

Our expert instructors work closely with every student to personally ensure they fully grasp every lesson plan during the hands-on workshops sessions to ensure that the Certification is achieved.

- Sparx Systems Enterprise Architect Certification
- Certificate of Education Credits

Testimonials

 "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

"The Business Analyst Toolkits provided by INTEGRATE iT during the course saved twenty business analysts at 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, CBAP – McKesson Health Systems

"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 and an agile unified process that unfolds a step by step example of doing a project." – Marc Ginns, Chief Enterprise Architect, Duke Energy

Healthcare Transformation Case Study

Closing the Gap – Dr Dobbs Interview

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Workshop Leader – Ramsay Millar

INTEGRATE iT will provide Sparx Systems Enterprise Architect Expert, Course author, and industry leader Ramsay Millar to lead and facilitate your training event. For more background review **LinkedIn** https://www.linkedin.com/in/ramsay-millar-616b915/

Ramsay Millar is a lateral thinking and dynamic technology consultant with 28 years of progressively responsible experience in medium to large business and government accounts across many diverse business areas. He is a proven leader in project readiness who applies continual process improvement techniques and tools who delivers successful outcomes for major transformation projects.

Ramsay is customer oriented and results driven when deploying leading industry techniques using the Business Architecture Guild (BIZBOK®), the Object Management Group (OMG® UML), The Open Group Architecture Framework (TOGAF®), the International Institute of Business Analysts (BABOK®), Agile Solution Delivery and Project Management (PMIBOK®).

As a highly practiced consultant and professional educator Ramsay Millar has delivered hundreds of successful interactive training events that are results oriented and focus on applying productivity techniques to real world challenges. Millar has dedicated his career to dramatically improving business and technology transformation and service delivery project outcomes.

Strengths
- Customer oriented with excellent communication skills
- Visionary with a capability of remaining highly technical while being strategic in approach
- Fiscally Responsible leadership and project manager
- A proven leader in large scale transformations using productivity techniques

Competencies
- Consulting as a Business Architecture, Business Analyst, Enterprise Architect, & Project manager
- Business Analyst - BACP®, CMMI® Requirements Management, IEEE®
- Business Architect – Business Architecture Guild BIZBOK®
- Enterprise Architect – TOGAF® certified practitioner and instructor
- Project Manager – Critical and large-scale Transformations
- Sparx Systems, OMG UML, and Metamodel Frameworks SME
- Knowledge Repository Deployments
- Agile Solution Delivery Projects
- Professional educator and facilitator

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Our Capability Statement - INTEGRATE IT is dedicated to building better business solutions. Our proven track record, techniques and tools help you to align business and IT outcomes that reduce IT transformation risk and improve business value. We deliver holistic consulting services by harmonizing Business Architecture, Business Process Management, Enterprise Architecture, and Software Solutions.

Since 2001, our company has worked with 110 of the Fortune 500 companies, completed over 1,100 business modeling and IT alignment assignments, and trained over 5,000 business architects, business analysts, enterprise architects, and software engineers. Our organization follows a proven approach that is efficient for all stakeholders across many business and IT business sectors. We maintain a good reputation of providing professional skills development and consulting services to our clients by:

- Ensuring alignment of business needs that drive digital solution outcomes
- Improving business process modeling outcomes
- Reducing costs in business modeling, enterprise architecture, and software development
- Reducing time needed to complete business needs and software development projects

We endorse Sparx Systems' Enterprise Architect to our clients looking for Model Driven Architecture to greatly improve productivity. Every day we deliver to succeed and meet your project needs and budget in these areas of capability.

Consulting

- ✓ Assessments
- ✓ Business Architecture
- ✓ Business Analysis
- ✓ Business Process Improvement
- ✓ Enterprise Architecture Cloud POC
- ✓ Governance, Risk, and Compliance
- ✓ IT Service Management
- ✓ Rapid Cost/Impact Assessments
- ✓ Security Architecture
- ✓ OOAD Software Engineering
- ✓ TOGAF Implementation Projects

Training

- ✓ Business Architecture Fundamentals
- ✓ **Enterprise Architect** for Business Analysts
- ✓ **Enterprise Architect** for Business Architects
- ✓ **Enterprise Architect** for Business Process Analysts
- ✓ **Enterprise Architect** for Solutions Architects
- ✓ **Enterprise Architect** for Team Players
- ✓ **Enterprise Architect** for TOGAF® Practitioners
- ✓ **Enterprise Architect** for Software Engineers
- ✓ People and Communication Skills
- ✓ Prolaborate® Model Collaboration
- ✓ TOGAF® Mentorship
- ✓ OMG Unified Modeling Language

Knowledge Repository Deployments

- ✓ Custom MDA Framework Development
- ✓ Metamodel Development
- ✓ Model Harvesting and Migations
- ✓ EA Advanced Programming
- ✓ EA Tools Repository setup
- ✓ EA Tools Integrations

Value-add Software Support and Sales

- ✓ Enterprise Architect by Sparx Systems
- ✓ Prolaborate by Sparx Systems
- ✓ ProCloud Server by Sparx Systems
- ✓ eaDocx by Ability Engineering
- ✓ Model Expert by Ability Engineering
- ✓ Model Guardian by OAD Solutions

SPARX SYSTEMS
Global Partner Program
A Global Partner since 2001

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