## TRAINING & CERTIFICATION PROGRAM CURRICULUM 2006/2007

Sydney Opera House at Night



© 2005-6 Zero Delta University. Zero Delta University is a wholly owned subsidiary of Synthesis Holdings, Inc. Zero Delta, the zdu logo, and 'Never Stop Learning. Keep on Moving.' are trademarks of Synthesis Holdings, Inc. All Rights Reserved.

# YOUR GREATEST PERFORMANCE IS REALIZED THROUGH CONSISTENT TRAINING, NEVER-ENDING KNOWLEDGE & EXPERIENCE ACCUMULATION, AND DISCIPLINED APPLICATION OF EXPERTISE



Enterprise Alignment is a state that is pursued by many people throughout the organization. Enterprise Architecture is a practice whereby multiple domain experts work together to create an integrated strategy and set of execution-level programs that are designed to achieve enterprise alignment.

Achieving enterprise alignment is no simple feat. You require not only domain-specific knowledge but also the skills necessary to achieve a holistic view of the enterprise across the organization, processes, and technology. Zero Delta University's training and certification program is carefully and studiously constructed in a manner that provides you with the right knowledge at the right time.

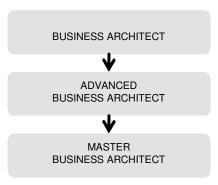
While you may have taken courses that address similar knowledge areas, you probably haven't followed a structured model that is designed to follow an enterprise-level methodology.

The value of Zero Delta University's training and certification program is realized through direct knowledge accumulation and experience working with others to tackle common challenges and opportunities.

# ZERO DELTA BUSINESS ARCHITECT ROLE

The Business Architect is a role-type within the context of an overall enterprise architecture role player model. The Business Architect is responsible for defining, designing, and managing the on-going enterprise model as it relates to the (i) enterprise strategy; (ii) enterprise tactics; and, (iii) operational strategy, which is composed of the (iiia) organizational assets and investment structure, (iiib) organizational model and design, and (iiic) enterprise process model and process structures internal and external to the organization.

The Business Architect Level Structure is designed according to an increasing level of knowledge accumulation for this role-type. A Business Architect advances from a beginning level of business architecture knowledge to and advanced level; once this level is attained, the Business Architect masters this domain by achieving a mastery-level of knowledge accumulation and is finally designated as a Master Business Architect.



The Business Architect has an instrumental role in helping the enterprise to clearly define strategy level details and assists with the transition from strategy to execution.

At the highest levels, the Business Architect is involved with:

• Capturing high-level and detailed enterprise strategy information so that further analysis and decision making can take place;

• Conducting detailed analysis to determine the best courses of action to take vis-à-vis strategic opportunities and risks;

• Coordinating the enterprise decision making process and assisting with the resolution of conflict or other barriers that delay the transition to execution;

 Designing and architecting current and future views of the enterprise across multiple dimensions;

•Ensuring that strategic details are carried over and realized through initiative and program execution; and,

•Developing detailed performance metrics and models to gauge the effectiveness of enterprise strategies and tactics.

# **BUSINESS ARCHITECT COURSE & LEVEL STRUCTURE**

### **BUSINESS ARCHITECT**

#### **Business Motivation Modeling**

This course imparts to the student a common structure and model type for capturing the enterprise strategy, tactics, and corresponding goals and objectives. The student will learn how to execute workshops and individual meetings that are designed to capture the necessary information to create the business motivation model. The student will use modeling tools that are specification-compliant.

COURSE BA1-01

#### Business Decision Design & Conflict Mgmt

This course imparts to the student a rigorous method and approach for modeling complex business decisions that are driven from a qualitative point-of-view. The student will learn how to engage multiple decision making constituents through a workshop –driven approach for complex decision design and decision conflict management. The student will use modeling tools that contain proprietary business logic and modeling structures.

COURSE BA1-02

#### **Business Process Modeling with BPMN**

This course imparts to the student a common structure and approach for business process modeling and design using the Business Process Modeling Notation (BPMN). The student will learn how to design and model business processes at the end-to-end process level to the detailed process step level. The student will use modeling tools that are specification-compliant.

COURSE BA1-03

### ADVANCED BUSINESS ARCHITECT

#### **Advanced Process Modeling & Mgmt**

This course imparts to the student advanced knowledge and training necessary to model complex internal and external business processes. The course provides an introduction to integrating enterprise process modeling, semantics modeling, and business rules design and management. The course addresses legacy processes and Services Oriented Architecture (SOA) process design and management. This course is based upon BPMN. COURSE BA2-01

#### Advanced Enterprise Semantics Modeling

This course imparts to the student advanced knowledge of enterprise semantics modeling. The course explores in detail how to design, structure, and maintain the semantics model. Students will understand the role that semantics modeling has vis-à-vis enterprise architecture and design, Services Oriented Architecture (SOA) design and service lifecycle management. This course is based upon SBVR and BPMN.

COURSE BA2-02

#### Advanced Business Rules Design

This course imparts to the student an advanced level of knowledge of business rules design and architecture. The course addresses simple and complex rules design, and addresses how to define rules at the business level and at the system/transaction level. Students will learn the details of Pi-calculus rules design and structure. Design-time and run-time views of business rules will be explored in detail.

COURSE BA2-03

## MASTER BUSINESS ARCHITECT

#### **Expert Business Investment Modeling**

This course imparts to the student expert knowledge of methods used for valuation of business and information technology investments. Students will learn how to value investments using probabilistic frameworks and methods including Monte-Carlo simulation and Real Options. Students will also understand in detail the valuation process – from initial planning to investment funding.

COURSE BA3-01

#### Expert Business Portfolio Design & Mgmt

This course imparts to the student expert knowledge of portfolio design and management lifecycle. Students will design, construct, and manage multiple portfolios, including business investments, applications and systems, and project portfolios. Students will understand how to prioritize portfolio using constraint-based techniques and will address various events that may impact the portfolio and how to address them in a managed fashion. COURSE BA3-02

#### **Expert Business Risk Modeling**

This course imparts to the student expert knowledge of enterprise risk modeling. Students will understand in detail the COSO framework for risk management and will explore various methods and techniques designed to quantify and qualify risk levels throughout the enterprise. Students will learn how to apply Value-at-Risk (VaR) techniques across various domains and business areas.

COURSE BA3-03

## **CERTIFICATIONS & SPECIALITY COURSES**

## **COMPOSE. CONDUCT. PERFORM.**



Zero Delta University provides you with the knowledge and information you need to successfully align and integrate your enterprise.

## TRAINING & CERTIFICATOIN WITH PRESTIGE

The structured approach to knowledge accumulation and handson experience transfer enables you to not only learn, but apply what you learn in real-life settings.

Zero Delta Universirty's course structure allows you to follow a gradual path of advancing knowledge exposure. You learn what's important in the early stages of aligning your enterprise and you continue to grow and enhance your capabilities at a pace that is comfortable to you. Upon successful completion of course and level exams, you will earn one of the industry's most prestigious certifications. Your peers will know that you've achieved a level of expertise that is directly contributing to the value of your organization.

Contact us today for additional course details or to schedule your next course in a city near you.

Never stop learning. Keep on moving.™

# www.zduniversity.org





211 East Ontario Street; 18<sup>th</sup> Floor Chicago, Illinois 60611 U.S.A. m +1.312.235.2390 f +1.312.235.2391 www.zduniversity.org