



Stakeholder Requirements



Software Specifications

OBJECT-ORIENTED ANALYSIS AND DESIGN USING UNIFIED MODELLING LANGUAGE (UML)

In this age, the market has growing needs for process automation and it is the analyst's job to communicate with the stakeholders and identify all their requirements and translate into technical specifications. Object Oriented Analysis and Design is focused on the description of these concepts and identify relationships or dependencies between them.

Object Oriented Analysis and Design using UML is a 3-day course designed to facilitate the conversion of stakeholder requirements into software specifications with minimal margin of compromise or loss. The class extensively covers the UML diagramming concept, modelling views and the Rational Unified Process.



MARCH 28-30, 2016



3 DAYS



MAKATI CITY

Learning Objectives

At the end of the training, participants are expected to:

- Be able to apply analysis and design patterns using UML as the notation
- Establish and optimize metrics, reviews and heuristics to improve object model quality
- Be able to properly document software requirements using UML diagrams
- Apply Rational Unified Process in parallel to Software Development Life Cycle
- Be adept in Structural, Behavioral and Architectural Object modelling

Benefits

- Draw out and capture user requirements and convert it into concepts without any loss of information.
- Manage these concepts/diagrams efficiently using UML.
- Develop models based on current organization status and identify improvement areas.
- Keep up with industry standards and design solutions focused on object oriented languages and platforms
- Improves team communication by using a common design language and notation (UML)

Target Audience

- Systems Analysts / Business Analysts / Programming Analysts
- Application Developers / IT Professionals / Software Engineers
- System Architects and Designers
- Anybody involved in the design, development, deployment and maintenance of software.



Key Clients



Globe



ZUELLIG PHARMA
ASIA PACIFIC



POINTWEST





Agenda

MODULE 1: Introduction to UML

- Object Oriented Analysis
- Object Oriented Design
- UML Building Blocks
- Modelling Views

MODULE 2: Structural Modeling

- Classes & Relationships
- Interfaces & Packages
- Objects & Instances
- Class Diagrams
- Object Diagrams

MODULE 3: Behavioral Modeling

- Interactions
- Use Cases Modelling
- Use Case Diagrams
- Activity Diagrams
- Sequence Diagrams
- Events & Signals
- State Diagrams

MODULE 4: Architectural Modeling

- Nodes & Components
- Component Diagrams
- Deployment Diagram
- Collaboration Diagram
- Design Patterns & Frameworks

MODULE 5: Case Study with UML Notations & Diagrams

MODULE 6: Rational Unified Process

- Phases and Iterations
- Characteristics of the Process

Pre-requisites

- Working knowledge in software development process
- 1 or 2 years experience in Object Oriented Programing Concepts (OOPS)
- Experience in any Requirement Management applications eg. Rational DOORS, Caliber, MS visio (but not mandatory)

Trainer's Profile



The Trainer is currently the Group Manager of ECC International Philippines and manages the operations spanning consulting, training and learning outsourcing business. Starting her career as a Software Programmer she worked her way up through Process Improvement Consultant / Trainer/ Management Professional. She has over 7 years of experience as a lead consultant in the areas of Problem Solving, Decision Analysis, Designing and Implementing Frameworks on Service Management, Business Process Re-engineering and Organizational Learning Management.

With transformation of roles within the organization supported by substantial experience in working with companies across industries and regions, Shuba primarily focuses on helping companies improve their learning management on one side and their sustainability performance on the other – as areas that will drive performance in the future.

She is a Certified Business Analysis Professional accredited by IIBA and formally trained in project management aligned to PMI standards. She has a sound knowledge in best practices across multiple domains from the strategic standpoint in helping organizations choose the right path for their performance excellence journey.

Materials



TRAINING MANUAL



QRP



CERTIFICATE



ECHO CD



CASE STUDIES



Training Highlights

EXPERT FACILITATOR

The program is facilitated by one of the leading consultants with years of experience in consulting and training in various industries, giving the participants the advantage to tap on his extensive experience to solve practical problems in their current environment.

INTERACTIVE LEARNING

From face-to-face interaction to modules and workbooks, the training is an instructor-led course with a combination of presentation modules and interactive sessions with participants, allowing mindshare to proactively address specific needs and issues in their own environment.

UP-TO-DATE INFORMATION

Provides the latest updates on best practices from industries across the globe with case studies and practical information acquired from the training and resources of our trainer.

TRAINING PACKAGE

We provide high quality and well-researched training materials to make learning a meaningful experience for the participants. The training aids we provide to our participants are used as a quick reference resource for future use.

About APEX Global

APEX Global (The Academy for Professional Excellence) is the learning solutions arm of ECCI—the leading process improvement solutions provider in Southeast Asia. Our sole aim is to promote performance excellence among professionals. We help our customers achieve greater success through effective, experiential and results-oriented training delivery. Our professional development solutions cover Trainings and Conferences, Managed Services and Learning on Demand. We organize public trainings and in-house workshops tailored for specific organizations. We help companies manage their non-core yet critical training function through end-to-end training management - starting from planning and needs analysis to program evaluation and records management. The Learning on Demand products we offer provide convenient and innovative ways for learning.



Applying the experience of training over 100,000 professionals in the last decade, a strong pool of expert trainers and facilitators with expertise in a niche array of domains and a strong regional presence, we provide an extensive portfolio of high-quality industry specific and functional programs coupled with high quality training materials to deliver our ultimate “promise”—the R.E.A.L. learning experience.

About ECCI

ECCI is the leading process improvement solutions provider in Southeast Asia, focused on process consulting, automation solutions and learning outsourcing services. We help companies achieve performance excellence by assisting them implement management systems and international standards/best practices across multiple domains and industries.

Our partnerships with best-in-class technology companies help drive sustained excellence for our customers. As a solutions provider with instructional design capability and subject matter expertise in niche areas, we help organizations implement learning strategies and design learning content for improved performance.





FEES STRUCTURE

Please highlight the registration type applicable to you

REGISTRATION TYPE	REGULAR (Payment should be settled on March 28-30, 2016)	EARLY BIRD (Registration received on or before March 7, 2016)
Per Participant	<input type="checkbox"/> Php 28,595 + 12% VAT	<input type="checkbox"/> Php 27,166 + 12% VAT
Group of 4	<input type="checkbox"/> Php 26,308 + 12% VAT	
Personal Sponsorship	<input type="checkbox"/> Php 27,166 + 12% VAT	
LearnEx	Our prepaid training card "LearnExpress" allows you to book training courses at a reduced price. Please contact the Apex Global team for more information.	

PARTICIPANT(S) PARTICULARS

	Participant 1	Participant 2	Participant 3	Participant 4
Full Name				
Designation / Department				
Contact Numbers	(O) (M)	(O) (M)	(O) (M)	(O) (M)
Email Address				
Food Preference	<input type="checkbox"/> Non-Vegetarian <input type="checkbox"/> Vegetarian <input type="checkbox"/> Diabetic <input type="checkbox"/> Others, pls. specify: _____	<input type="checkbox"/> Non-Vegetarian <input type="checkbox"/> Vegetarian <input type="checkbox"/> Diabetic <input type="checkbox"/> Others, pls. specify: _____	<input type="checkbox"/> Non-Vegetarian <input type="checkbox"/> Vegetarian <input type="checkbox"/> Diabetic <input type="checkbox"/> Others, pls. specify: _____	<input type="checkbox"/> Non-Vegetarian <input type="checkbox"/> Vegetarian <input type="checkbox"/> Diabetic <input type="checkbox"/> Others, pls. specify: _____

Total Amount: _____ *To be filled by an ECCI Representative* Sales Person: _____

COMPANY DETAILS (for billing)

For organization-sponsored, invoice will be billed to the company upon confirmation of program

Company Name		LearnEx Card No.	
TIN of Company		VAT Exempt	<input type="checkbox"/> Yes <input type="checkbox"/> No
Attention Invoice to		Job Title	
Billing Address			
Contact Numbers	(O) (M)	Email Address	

PAYMENT METHODS

☐ **Cash**

☐ **Cheque** (Please make check payment payable to "ECC International Corp." and send to the address mentioned below)

☐ **Bank Transfer**

Account Name : Environmental Compliance Consultants International Corp.

Account Number : 638-3-63850569-0

Name of Bank : Metropolitan Bank and Trust Company

Branch Name : Rufino Branch

Swift Code : MBTCPHMM

Address of Bank : Ayala Avenue V.A. Rufino Makati City

☐ I have read and understood the stated terms and conditions.

Name of Authorizing Person : _____ Date : _____

Designation / Department : _____ Signature : _____

THIS FORM IS INVALID WITHOUT THE AUTHORIZING SIGNATURE.

Contact Information

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Fax Number : +632 - 403 8358
Email : training@eccigroup.com

TERMS AND CONDITIONS

ECCI CANCELLATION, POSTPONEMENT AND SUBSTITUTION POLICY:
ECC International Corporation (ECCI) reserves the right to make any amendments in its program venue, scheduled dates, or to cancel the program due to unforeseen circumstances without any prior notice, but all measures will be taken to reach the participants. ECCI shall assume no liability whatsoever in the event that a program is cancelled, rescheduled or postponed due to fortuitous event, Act of God, unforeseen occurrence not limited to: war, fire, labor strike, extreme weather or other emergency conditions. Please note that while speaker and topic were confirmed at the time of publishing, circumstances beyond the control of the organizer may necessitate substitutions, alterations or cancellations of the speakers and/or topics. As such, ECCI reserves the right to alter or modify the advertised speakers and/or topics if necessary without any liability to you whatsoever.

Cancellation of program registration should be received in writing from the participant not less than eight (8) working days prior to the commencement of the program. The registered delegate is entitled to receive 100% credit to the next scheduled program or attend any ECCI programs with equivalent monetary value. The credit must be utilized within one (1) year from the date of its issuance. Cancellation requests made in less than eight (8) working days prior to the commencement of the program will not be eligible for credit and the paid amount is forfeited in favor of ECCI.

PAYMENTS & DISCOUNTS
All fees are subject to prevailing taxes. Any discount (Early Bird, Group & any other special promotions) offered by Apex Global can be availed if the payment is made within the promo period. Payments made after the scheduled training date will not be eligible for any discounts offered previously and will merit a 5% late payment surcharge.

PRIVACY & DATA PROTECTION
The participant hereby grants ECCI permission to take photographs and videos during the training or event they are participating in, with the understanding that these photographs, audio or video recordings may be edited, copied, exhibited, published or distributed through the internet for marketing purposes.

Personal Data is gathered in accordance with the E-commerce Act 2000. You may also receive updates and promotional event notifications from ECCI on other related trainings and events.

☐ I confirm that my organization is sponsoring me for the program indicated in this application form.
☐ I have also read and accepted ECCI's terms and conditions.

Participants Signature : _____ Date : _____