

AGILE BUSINESS PROCESS AND MANAGEMENT DEVELOPMENT



International School
Of Management

— UNLOCKING KNOWLEDGE —

INTRODUCTION



Agile business and project management has become an increasingly powerful and popular manner to develop new or improved products, services, or results in a variety of fields such as software development, engineering, product development, pharmaceuticals, and process improvement. In environments with moderate uncertainty (for example, changing customer needs or unknown root causes) such as we have in emerging economies like Nigeria, agile business and project management has been found to produce higher customer satisfaction in less time compared to more traditional, plan-driven business and project management methodologies.

This two- day course provides both the practice and the theory of planning and managing agile business processes and projects using methodologies such as scrum, XP (eXtreme Programming), and lean project management methodologies. It provides both the agile knowledge and skills necessary for scrum masters (coaches), product owners (customers), and team members to succeed.

Agile process and project management is no longer the future but the present of businesses that are poised to succeed sustainably. This three (3) day course in Agile Fundamentals and Foundation course provides knowledge and understanding of fundamental Agile values, principles, and practices. Participants will leave with an understanding of the benefits of Agile, proven Agile practices and frameworks, and insights on important considerations for embarking on an Agile journey. Through experiential learning, participants get hands-on with the application of Agile practices and are prepared to start leveraging their new skills on the job immediately.

LEARNING OUTCOMES

Upon completion of the course, participants should be able to;

- Discuss Agile values and principles as they relate to their role, team and organization
- Describe Agile as more than a collection of processes
- List popular Agile processes and frameworks
- Give examples of Agile roles, how they interact, and what it takes to create a strong team dynamic
- Summarize the Scrum framework and collection of events
- Explain why shared understanding of Product Vision is key for success
- Develop user stories that describe “requirements” in context of the user’s needs
- Articulate the purpose of “done” and create a Definition of Done
- Track and forecast the progress of an Agile team using multiple methods
- Employ techniques focused on continuous improvement

COURSE OUTLINE

Lesson 1: Core Agile Concepts

- Core Agile Concepts Overview
- Traditional Project Management Methodologies
- Drawbacks of Waterfall Methodologies
- Agile Approach
- Agile and Traditional Project Management
- Choice of Methodologies/Frameworks
- Importance of All Stakeholders Sharing an Agile Perspective

Lesson 2: The Agile Manifesto

- The Agile Manifesto Overview
- Manifesto Contributors
- Manifesto Values
- Manifesto Principles

Lesson 3: Scrum Methodology Elements and Terminologies

- Scrum Methodology Elements and Terminology Overview
- Project (Product; Release) Initiation
- Scrum Planning
- Scrum Sprint Planning and Execution

Lesson 4: Project Initiation

- Project Initiation Overview
- Determine Project Justifications and Metrics
- Provide Value-Driven Delivery
- Write Project Vision Statement
- Create Project Charter
- Identify Stakeholders and Leader/Coach
- Form Project Team

Lesson 5: Scrum Teams and Team Spaces

- Agile Teams and Team Space Overview
- Scrum Master/Coach
- Product Owner/Customer
- Team Members/Developers (XP)
- Team Space
- Physical Space Recommendations

COURSE OUTLINE (CONT'D)

Lesson 6: Scrum Planning

- Agile Planning Overview
- Develop Epics and Stories
- Create Stories
- Non-Customer Facing Stories
- Personas and Extreme Personas
- Story Maps
- Estimating Stories
- Prioritizing Stories
- Creating Product Backlog
- Creating Product Roadmap
- Conducting Release Planning
- Creating Parking Lot

Lesson 7: Sprints

- Iterations/Sprints Overview
- Velocity Determination
- Iteration Planning Meeting
- Iteration Planning Guidelines
- Development
- Testing
- Daily Stand-up Meetings
- Progress Tracking
- Velocity Tracking
- Monitoring and Controlling: Burndown and Burnup Charts, Cumulative Flow Diagrams, and Kanban Charts
- Communicating Information
- Backlog Grooming
- Sprint Reviews
- Closing: Sprint, Release, and Product Retrospectives
- Closing: releasing resources, final reports, archiving documents

Lesson 8: Other Agile principles and best practices

- XP Principles and Best Practices
- Lean Software Development Principles and Best Practices
- Lean-Agile Software Development Portfolio Management
- Incorporating Scrum and Agile Practices into the Organization

REGISTRATION & ENQUIRIES

Duration : 3 days

Registration : N15, 000 (non-refundable)

Tuition : N250, 000

FOR FURTHER ENQUIRIES, PLEASE CONTACT:

International School of Management, Lagos

5 Yesuf Abiodun Street, Oniru, Victoria Island, Lagos.

Tel: 08090890909, 08085369898, 08085369976, 08086815957

Email: registrar@ism.edu.ng

Website: www.ism.edu.ng

PLEASE MAKE CHEQUE AVAILABLE TO INTERNATIONAL SCHOOL OF MANAGEMENT



International School
Of Management

— UNLOCKING KNOWLEDGE —