Training course outline

ITU and Sudatel Telecommunications Academy (SUDACAD)

Title	Agile Project Management for ICT Applications & Services
Modality	Face to face
Dates	13-17 March 2022
Duration	5 Days
Registration deadline	12 March 2022
Training fees	150 $
Description	Originally created for software development, the Agile approach to project management is quickly being adapted by more than just IT teams. Marketers, universities, the military, and even the automotive industry are also looking at the Agile methodology and other Agile frameworks to deliver innovative products in uncertain environments. Many organizations can benefit from Agile project management, and it's simple to set up and utilize.
Code	22OI28055ARB-E

1. LEARNING OBJECTIVES

Prepare participants to train on the concept of agile projects management in ICT applications and services, using agile data in areas, workflow methodologies, tools and technologies to manage ICT projects in a more agile manner.

2. LEARNING OUTCOMES

By the end of this training, participants should be able to:

- Have a much better insight about team building, project charter, project release, iteration planning, stakeholder management which can help tighten their grip on the project.
- A greater understanding of building a business environment
- It gives you a platform to showcase your credibility and level of professionalism in agile principles, practices, tools, and techniques.

3. TARGET POPULATION

- Managers.
- Developers.
- Team members.
- Team leads.
- Designers.
- Technical Architects.
- Project Managers.

4. ENTRY REQUIREMENTS

The course is flexible, yet intensive. Applicants are required to have:
Basic of understand the Project Planning.
Project Lifecycle and Agile Methods-Introduction to Statement of Work/ Project Chart.

5. TUTORS/INSTRUCTORS

Name of tutor(s)/instructor(s)	Contact details
Dr. Ahmed Alageed (PhD, PMI-PMP, PMI-ACP, PMI-PBA)	aalageed@monitor-is.com

6. TRAINING COURSE CONTENTS

- Agile mind-set & principles (agile manifest, Agile 12 principles, agile project management fundamental).
- Value driven delivery (Value-based prioritization, minimal viable Product, agile earned value management, agile contracting, verifying and validating value).
- Agile methods (XP, Lean, Scrum, Kanban, Crystal family).
- Stakeholder engagement stakeholder management, Knowledge sharing, active listening, wireframes, personas, shared visioning).
- Adaptive planning (Agile planning stages, artefacts and meetings, planning team, and agile modelling, sizing and estimating tools).
- Problem detection and resolution (Risk management, problem detection, problem resolution).
- Team performance (Building agile team, creating collaborative team space, tracking team performance).
- Continuous improvement (Integration testing and experiment, review and retrospective, value stream analysis.

7. TRAINING COURSE SCHEDULE (Khartoum Time)

Date for 1ˢᵗ day	Time; Start time	Topics
13 March 2022	09 :00 -10 :30	• Agile mind-set & principles (agile manifest, Agile 12 principles, Agile project management fundamental)
	11 :00 - 11 :30	• Break.
	11 :30 - 01 :00	• Value driven delivery (Value-based prioritization, minimal viable Product, agile earned value management, Agile contracting, verifying and validating value)

Date for 2ⁿᵈ day	Time; Start time	Topics
14 March 2022	09 :00 -10 :30	• Agile methods (XP, Lean, Scrum, Kanban, Crystal family)
	11 :00 - 11 :30	• Break.
	11 :30 - 01 :00	• Stakeholder engagement stakeholder management, Knowledge sharing, active listening, wireframes, personas, shared visioning)

Date for 3rd day	Time; Start time	Topics
15 March 2022	09 :00 -10 :30	• Adaptive planning (Agile planning stages, artefacts and meetings, planning team, and agile modelling, sizing and estimating tools). • Case Study
	11 :00 - 11 :30	• Break.
	11 :30 - 01 :00	• Problem detection and resolution (Risk management, problem detection, problem resolution) • Case Study

Date for 4th day	Time; Start time	Topics
16 March 2022	09 :00 -10 :30	• Team performance (Building agile team, creating collaborative team space, tracking team performance).
	11 :00 - 11 :30	• Break.
	11 :30 - 01 :00	• Continuous improvement (Integration testing and experiment, review and retrospective, value stream analysis. • Case Study.

Date for 5th day	Time; Start time	Topics
17 March 2022	09 :00 -12 :30	• Exam.
	12 :30 -01 :00	• Closing cermony & group picture.

8. METHODOLOGY (Didactic approach)

• Instructor-Led Class Lectures and presentations– Slides.
• Reviews and Revisions.
• Case Studies.

9. EVALUATION AND GRADING

Participants will be evaluated according to:

•   Active interaction in the group exercises and discussions.
•   Planned Quizzes and Final Exam.
•   Dedication in attending the sessions.

Grading will take into consideration attendance (30%) and a final overall exam (70%).
IMPORTANT: a passing mark of 70% is required for obtaining a completion certificate.

10. TRAINING COURSE COORDINATION

Course coordinator:	ITU coordinator:
Ms. Sara Elmakki Planning & Development Dept., SUDACAD Mobile: +249 11 7947230 Tel: +249 183 490 999 Email: saraab@sudatel.sd	**Mr. Ahmed El Raghy** Senior Advisor ITU Arab Regional Office Tel: +202 3537 1777 Mobile: +201005281908 Fax: +202 3537 1888 Email: ahmed.elraghy@itu.int