PRACTICING AGILE & IMPLEMENTING SCRUM AT YOUR WORKPLACE

Code: ASM1

HRDCorp Prog Id: 10001598834

2 DAYS COURSE OUTLINE

conducted by:

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ABOUT TREXX CONSULTANCY

Trexx Consultancy has been a leader in project management training since 2020. Located at Kuala Lumpur and Penang, we provide a range of training and consultancy services related to project management, as well as other topics such as soft skills, human resources, finance, health and safety, engineering, and team building. Trexx Consultancy Sdn. Bhd. was established to provide comprehensive training and consultancy services designed to enhance the competitive edge of our clients.

Our mission is to support the development of client teams through targeted upskilling, delivered by professional trainers who are subject matter experts. We emphasize the importance of offering long-term support to our clients and are committed to helping them build and grow their workforce through customized training programs.

With us being a registered HRD Corp Training Provider, all our training sessions are HRDC claimable under SBL Khas, with the training costs covered directly by HRDC through companies' monthly contributions. We also assist with all necessary documentation and information required to claim your HRD levy.

Ir.Ts. PRAKASH RAJAH

Lead Project Management Trainer

SUMMARY

Equipped with more than 20years of corporate working experience in areas such as operations, R&D, technology transfer, product design, project management and marketing. Owner of several patents & publications. Strong believer of experiential learning and aims to incorporate examples of real events based on his own experience while facilitating.

AREAS OF EXPERTISE

- Traditional Project Management
- Agile Framework
- Scrum Methodology
- Hybrid Project Management

CREDENTIALS

Bachelor of Eng (Elec – Telecomm.), UTM 2005
Master of Business Administration, UPM 2007
Corporate Member of IEM (MIEM), IEM 2024
Professional Engineer, BEM 2024
Professional Technologist, MBOT 2020
Project Management Professional (PMP), PMI 2014
Certified Scrum Master (CSM), Scrum All 2015
Agile Certified Practitioner (ACP), PMI 2020
Certified Senior Project Manager, AIPM 2025
Certified Project Management Trainer, AIPM 2025
Accredited Trainer (TTT), HRDC 2020
4 Patents & various white paper publications

WORK EXPERIENCE

Product Management | 2022-2025 | Austrian MNC
Manage revenue, pricing, distribution, key projects & customer engagement for a portfolio of products

Project Management | 2014-2021 | German MNC
Lead new product development using traditional & Agile methodology

Product Engineering | 2005-2014 | US MNC
Manage daily operations, yield, technology transfer & new product introduction

LANGUAGE

English, Malay, Tamil

COURSE SYNOPSIS

In today's VUCA world, Agile project management is essential for adaptability and efficiency. Unlike traditional methodologies, Agile emphasizes collaboration, customer feedback, and continuous improvement, making it ideal for dynamic industries like IT and software development. One of the most widely used Agile frameworks is Scrum, which provides a structured way to manage work efficiently. Scrum organizes projects into short development cycles called sprints.

By using Agile and Scrum, organizations enhance productivity, foster teamwork, and deliver high-quality products faster. This adaptability makes Scrum a valuable tool in modern project management, ensuring projects stay on track even in uncertain conditions.

This course aims to equip individuals with a solid understanding of Agile values, principles, and Scrum framework. With this understanding, participants are then ready to transform their teams and organization to being agile.

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TRAINING OUTCOME

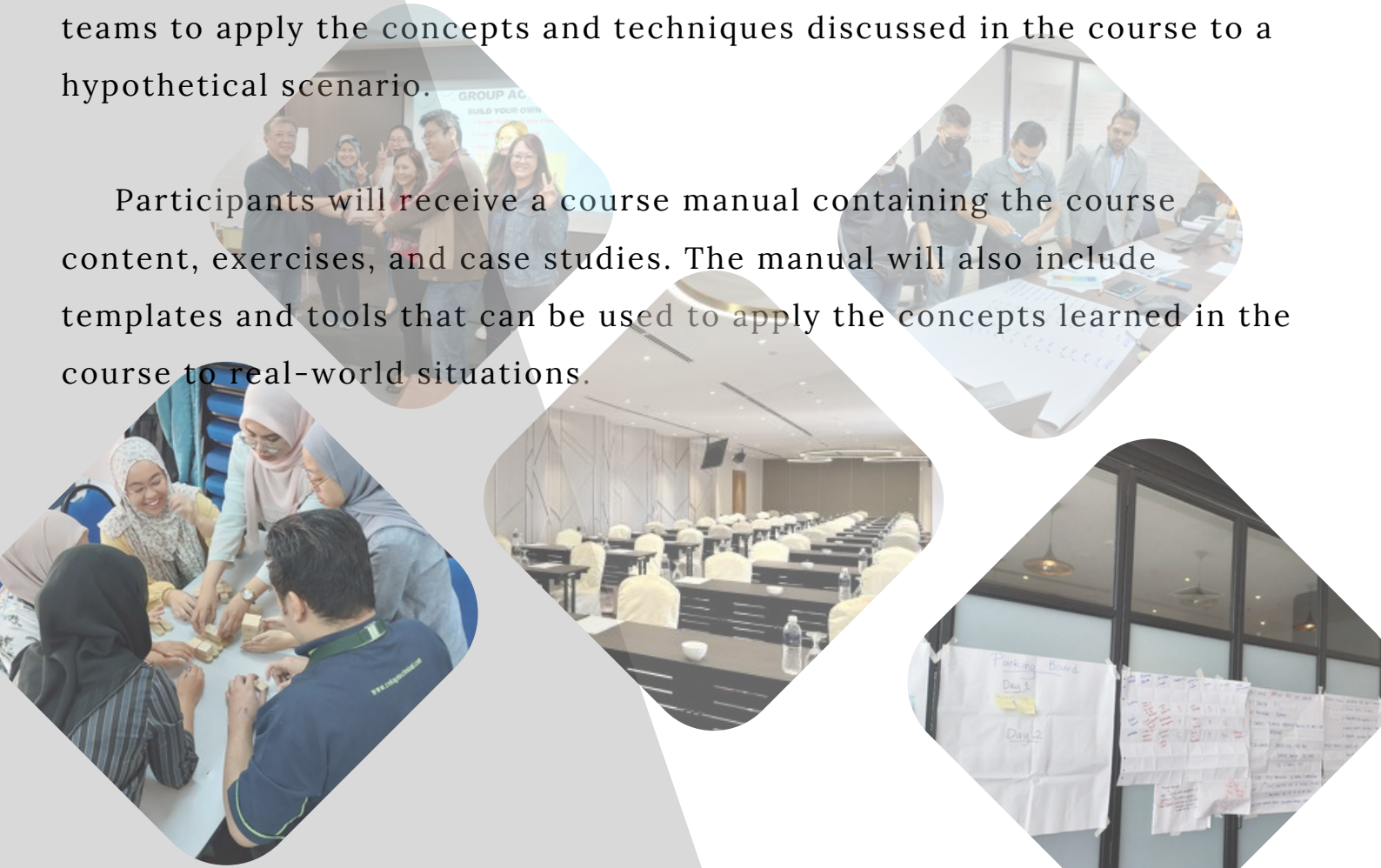After having attended this training, participants would be able to:

- Understand the core principles and values of the Agile Manifesto.

- Gain insights into why organizations are adopting Agile and the benefits it offers.

- Be familiar with the Scrum framework, including roles, events, and artifacts.

- Learn how to apply Agile and Scrum concepts to project management and product or service development as well as optimization of processes & tool

- Explore Agile best practices, including user stories, sprint planning, and retrospectives.

- Understand Agile estimation and tracking techniques.

- Gain practical knowledge to work in Agile teams or Scrum roles.

- Gain practical knowledge on how to implement Agile & Scrum at workplace

- Kickstart transformation of own team or organization towards being agile

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LEARNING METHODOLOGY

The course will use a combination of lectures, discussions, case studies, and exercises to facilitate learning. Participants will work in teams to apply the concepts and techniques discussed in the course to a hypothetical scenario.

Participants will receive a course manual containing the course content, exercises, and case studies. The manual will also include templates and tools that can be used to apply the concepts learned in the course to real-world situations.

WHO SHOULD ATTEND

Project managers, program managers, project team members, project assistants, executives, engineers, managers and any person involved in managing any type of project in any industry and has no formal project management training before.

DAY 1

Introduction
- Basic introduction of the training agenda
- Training Objective & Learning Outcomes
- Gage learning expectation from participants

Pre-Test

BREAK

Module 1: Introduction to Agile & Scrum
- Project Management introduction & frameworks
- Traditional vs Agile approach
- Benefits of Agile to organizations
- Types of Agile Methodologies & Introduction to Scrum

Module 2: Agile Values & Principles
- Agile Manifesto and its principles
- Agile values: Individuals and interactions, working solutions, customer collaboration, responding to change

Example Case Study : Traditional vs Agile

LUNCH

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COURSE SCHEDULE

DAY 1

Presentation: Real World Agile Example

Module 3: Agile Frameworks
- Comparing Scrum, Kanban, Lean, SAFe, and XP
- Choosing the right framework for your project

Module 4: Deep Dive into Scrum Methodology
- Introduction to Scrum
- Scrum roles: Product Owner, Scrum Master, Development Team, Stakeholders
- Scrum artifacts: Product Backlog, Sprint Backlog, Increment
- Scrum events: Sprint, Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective

Group Activity 1 : Scrum Game

BREAK

Module 5: Application of Scrum in Industries
- Scrum in IT
- Scrum in Non-IT

Day 1 Recap Learning & Key Take Aways

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DAY 2

Recap of Day 1

Module 6: In-depth understanding of Scrum Roles & Events
- *Product Owner's role in managing the Product Backlog*
- *Scrum Master's role in facilitating the Scrum process*
- *Development Team's role in delivering increments of value*
- *Sprint Planning: What it entails and how it's done*
- *Daily Scrum: How it helps the team coordinate*
- *Sprint Review: Demonstrating the increment and getting feedback*
- *Sprint Retrospective: Reflecting on the Sprint and improving*

Module 7: Executing The Sprint Cycle
- *The Sprint: Working within a time-boxed iteration*
- *Building the Sprint Backlog*
- *Daily Scrum and tracking progress*
- *Handling changes and impediments during a Sprint*

BREAK

Group Activity 2 : Agile & Scrum Hands-On Execution Game and reflection

LUNCH

Presentation: Common Mistakes with Agile & Scrum application in the industry

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DAY 2

Module 8: Agile Estimation & Planning
- Agile estimation techniques
- Release planning and creating a Release Burndown chart
- Understanding velocity and its role in planning

Module 9: Decision-Making in Agile Teams
- Collaborative decision-making in Agile teams
- Techniques for prioritization and effective problem-solving
- Embracing experimentation and embracing failure as learning opportunities

BREAK

Module 10: Continuous Improvement in Agile
- Relationship of Agile & Continuous Improvement
- A quick look at Kanban & Kaizen
- Cultivating Continuous Improvement mindset within the team

Module 11: Implementing Agile frameworks across the Organization
- What is Agile Transformation & its facets
- Agile Transformation Strategy
- Scaling Agile frameworks (e.g., Scrum of Scrums, LeSS, SAFe)

Day 2 Recap Learning & Key Take Aways

Post Test

Summary of training, gathering feedback and official closure of training

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THANK YOU

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