

ICP

ICAgile Certified Professional Agile Foundations

**DESCRIPTION**

The ICP's learning objectives focus on the agile mindset, values, principles and foundational concepts. They are grounded in what it means to be agile and achieve organizational agility without specific focus on any single agile methodology or framework (i.e. Scrum, XP, DSDM, SAFe, etc.)

Upon earning this certification, the student will understand the history of agile, the importance of "being" as well as "doing" agile, key aspects of value-driven development, adaptive planning techniques, and how to cultivate collaboration with customers, within organizations, and within teams. Students will also have gained the vocabulary to discuss the benefits of agile and how to avoid common pitfalls with fellow agile practitioners. In addition, accredited ICP courses focus on helping the student understand the value of continuous feedback, learning, and adaptation for products, processes, teams, and organizations. As part of this class you will work with other classmates through an Agile simulation that will give you grounded understanding of working on an agile team. This course is two full days of instruction and activities.

TARGET AUDIENCE

Since the ICP is foundational and a prerequisite for certifications in all other ICAgile tracks, the ICP credential has the broadest target audience. It is appropriate for those new to agile, and for practitioners who recognize the need to focus on "being" agile in addition to "doing" agile. Training providers may tailor course delivery for specific groups and career levels, while still ensuring coverage of all learning objectives.

ASSESSMENT

No assessment for this course as it is foundational.

TRAINING LOCATIONS

We can conduct training sessions for our customers at their premises or host them at our offices in McLean, VA, NYC or Media, PA.

**QUICK FACTS**

Learning Track: Agile Fundamentals

Certification Level: Professional

Course Name: ICAgile Certified Professional

ABOUT AGILETRAILBLAZERS

AgileTrailblazers® is a management consultancy firm specializing in guiding medium-to-large scale organizations in their transformation to Continuous Business Value Delivery® through use of lean thinking and agile frameworks.

OUR SERVICES

- Agile Transformation
- Solutions Delivery
- DevOps
- Product & Portfolio
- Training

LEARNING OBJECTIVES

1. History & Mindset
The purpose of this subject is to understand the Agile mindset and history. The learner will engage in exercises to adopt the Agile mindset.
1.1. History
1.1.1. Origins of Agile
1.1.2. Agile Manifesto
1.1.3. Agile beyond software development
1.2. Culture & Mindset
1.2.1. Understanding the Agile mindset
1.2.2. Establishing the Agile mindset
1.2.3. Agile in context
2. Individuals & Interactions
The purpose of this subject is to understand that individuals, working in teams, create value. The learner will recognize the purpose, concepts and theory supporting this concept, along with applications supporting it.
2.1. Creating Shared Understanding
2.1.1. Developing soft skills
2.1.2. Understanding communication barriers
2.1.3. Sharing knowledge
2.1.4. Physical work environments
2.1.5. Collaboration techniques
2.1.6. Techniques for shared understanding
2.2. Shifts in Roles
2.2.1. Shifts in roles
3. Value-Driven Development
The purpose of this subject is to understand why Agile development focuses so heavily on working products, including the role of value in driving work. The learner will study iterative and incremental approaches, continuous integration and continuous delivery.
3.1. Incremental development
3.1.1. Incremental development
3.1.2. Value-based work
3.1.3. Retaining quality
3.2. Work-in-progress (WIP)
3.2.1. Work-in-progress (WIP)

3.2.2. Continuous integration
3.2.3. Continuous delivery
3.2.4. Cost & benefit of frequent delivery
4. Customer & User Involvement
The purpose of this subject is to understand concepts and theory for working with stakeholders, customers and users. The learner will also review possible related benefits and apply potential approaches.
4.1. Including Customers and Users
4.1.1. Defining the customer
4.1.2. User involvement
4.1.3. User feedback
4.2. Product Adaptation
4.2.1. Product adaptation
5. Planning & Adapting
The purpose of this subject is to understand the value, concept and theory for learning and adapting at various levels, including product, process, team and organization. The learner will also study potential applications.
5.1. Planning and Adapting
5.1.1. Planning
5.1.2. Estimation
5.1.3. Status
5.2. Process & Project Adaptation
5.2.1. Process adaptation
5.2.2. Project adaptation