Agile Software Project Management

Instructor – Muhammad Sudais

Agile Certifications

Chapter 13

Overview of Agile Certifications

- Agile certifications validate **expertise** in Agile methodologies.

- Certifications provide **professional credibility** and **career growth**.

- Multiple organizations offer Agile certifications.

Project Management Institute Agile Certified Practitioner (PMI-ACP)

- **PMI-ACP** is a global Agile certification.
- Covers Agile principles, tools, and techniques.
- **Eligibility Criteria:**
  - 2,000 hours working on project teams (last 5 years).
  - 1,500 hours working with Agile methodologies.
  - 21 contact hours of Agile training.

Pass the PMI-ACP exam.

Scrum Alliance Certified ScrumMaster (CSM)

- Focuses on **Scrum principles and practices**.

- **Certification process:**

  - Attend a ScrumMaster course.

  - Pass an online exam.

- Benefits:

  - Master Scrum roles and responsibilities.

  - Improve team collaboration and efficiency.

Scrum Alliance Certified Scrum Coach (CSC)

- Advanced certification for experienced Scrum professionals.

- Requires a **deep understanding of Agile coaching**.

- **Key Responsibilities:**

  - Mentor teams and leaders in Agile transformations.

  - Improve organizational Agile practices.

Scrum Alliance Certified Scrum Product Owner (CSPO)

- Designed for **Product Owners** managing the Product Backlog.

- **Learning Outcomes:**

  - Prioritize work effectively.

  - Maximize product value.

  - Improve stakeholder collaboration.

Scrum Alliance Certified Scrum Developer (CSD)

- Intended for **software developers** working in Agile environments.

- **Key Focus Areas:**
  - Test-driven development (TDD).
  - Continuous integration.
  - Pair programming.

Scrum Alliance Certified Scrum Professional (CSP)

- Advanced level certification for experienced Agile practitioners.

- Requires prior **CSM, CSPO, or CSD** certification.

- Demonstrates **deep Agile expertise** and leadership.

Scrum Alliance Certified Scrum Trainer (CST)

- Designed for Agile trainers and coaches.
- **Requirements:**
  - Strong Scrum experience.
  - Training and mentoring skills.
  - Contribute to the Agile community.

SCRUMstudy Scrum Developer Certified (SDC)

- Entry-level certification.

- Focuses on **Agile software development**.

- **Key Topics:**

  - Agile software engineering practices.

  - Scrum principles and framework.

SCRUMstudy ScrumMaster Certified (SMC)

- Focuses on leading Scrum teams effectively.

- **Benefits:**

  o Gain practical knowledge of Agile project management.

  o Improve team facilitation and problem-solving skills.

SCRUMstudy Agile Expert Certified (AEC)

- Provides an **advanced understanding of Agile frameworks**.

- Covers **multiple Agile methodologies** beyond Scrum.

- Ideal for professionals **coaching teams** across organizations.

SCRUMstudy Scrum Product Owner Certified (SPOC)

- Designed for **business and product leaders**.

- Focuses on **stakeholder engagement** and backlog management.

- Helps in delivering **customer-centric products**.

SCRUMstudy Expert ScrumMaster (ESM)

- **Advanced-level** Scrum Master certification.

- Covers:

  - Large-scale Agile project management.

  - Complex team facilitation.

SCRUMstudy Certified Trainer (SCT)

- For **Agile educators**.

- Requires extensive **Scrum experience and training**.

- Certification process includes:

  - Teaching evaluations.

  - Industry contributions.

Benefits of Agile Certifications

- **Career Growth:** Enhances job prospects in Agile environments.

- **Industry Recognition:** Demonstrates expertise in Agile methodologies.

- **Better Project Execution:** Improves efficiency in Agile projects.

- **Continuous Learning:** Keeps professionals updated with industry trends.

Choosing the Right Agile Certification

- Consider **career goals** and experience level.
- Evaluate **certification body credibility**.
- Look at **employer demand and industry standards**.

Chapter Summary

- Multiple Agile certifications exist for different roles.

- PMI-ACP covers broad Agile knowledge.

- Scrum Alliance and SCRUMstudy offer **Scrum-specific** certifications.

- Certifications enhance career opportunities and Agile expertise.