



PMI TRAINING

Open Source Project Management

Master agile methodologies for open source project management. Lead collaborative teams and deliver impactful community-driven software.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level "Open Source Project Management" course by PMI offers a focused deep dive into the unique challenges and rewarding opportunities of managing projects within the vibrant open source ecosystem. Unlike traditional project management, open source projects often involve distributed, volunteer-driven teams, diverse stakeholder interests, and a strong emphasis on community collaboration and transparency. This course equips you with the specialized knowledge and practical skills to navigate these complexities, ensuring successful project delivery and sustainable community growth.

You will learn to apply proven project management principles, adapted for the open source context, leveraging core technologies like Git and GitHub for version control and collaborative development, alongside various open-source issue trackers and communication platforms. The curriculum emphasizes agile methodologies, community engagement strategies, and understanding open source licensing and governance. By mastering these competencies, you'll be prepared to contribute meaningfully to existing open source initiatives or effectively lead your own projects, enhancing your professional profile in a rapidly evolving digital landscape.

Duration	2 hours
Level	Intermediate
Vendor	PMI

COURSE CURRICULUM

01 Foundations of Open Source Project Management

- Introduction to Open Source Philosophy and Ecosystem
- Understanding Open Source Licenses and Legal Aspects
- Core Project Management Principles in OSS Context
- Agile and Iterative Methodologies for Open Source Projects

02 Open Source Project Lifecycle and Collaboration

- Project Initiation and Scoping in Distributed Environments
- Planning and Roadmapping for Open Source
- Executing and Monitoring Open Source Projects
- Version Control with Git/GitHub/GitLab for Collaborative Development
- Effective Release Management Strategies

03 Building and Nurturing Open Source Communities

- Strategies for Community Engagement and Growth
- Contributor Onboarding and Mentorship Programs
- Facilitating Communication in Distributed Teams (Mailing Lists, Chat, Forums)
- Conflict Resolution and Maintaining a Healthy Community Culture

04 Tools and Technologies for Open Source PM

- Utilizing Issue Trackers (e.g., GitLab Issues, Taiga, Wekan)
- Project Boards and Task Management (e.g., Trello, ZenHub)
- Automating Workflows with CI/CD Basics for OSS
- Documentation Best Practices for Open Source Projects

Governance, Risk, and Sustainability in OSS

- 05**
- Establishing Project Governance Models
 - Identifying and Mitigating Risks in Open Source Projects
 - Funding Models and Financial Sustainability
 - Security Considerations in Open Source Development
 - Measuring Project Health and Success Metrics

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Open Source Program Manager**
- > **Community Manager, Open Source Initiative**
- > **Technical Project Lead with Open Source Specialization**

FREQUENTLY ASKED QUESTIONS

Q: What specific project management methodologies are emphasized for open source environments in this course?

This course primarily focuses on adapting agile and iterative project management methodologies, such as Scrum and Kanban, to the open source context. It highlights how these approaches facilitate flexibility, continuous integration, and rapid response to community feedback, which are crucial in distributed, dynamic open source projects. You'll learn how to implement these effectively using open source tools.

Q: How does this course prepare me for contributing to or leading actual open source projects?

This course provides a robust framework by covering essential aspects like community engagement, license understanding, effective use of collaboration tools (Git/GitHub), and risk management specific to open source. You will gain practical insights into the project lifecycle from initiation to sustainability, equipping you with the skills to confidently join, contribute to, or even initiate and lead open source initiatives, building a strong portfolio of open source contributions.

Q: What level of prior experience in project management or open source is recommended for this intermediate course?

As an intermediate-level course, participants are expected to have a foundational understanding of general project management concepts or some basic familiarity with open source software usage. While no prior experience in managing open source projects is required, a general awareness of software development lifecycles and comfort with collaborative tools like Git would be beneficial. The course is designed to build upon these foundations, bridging traditional PM knowledge with open source specifics.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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