WorkForce
INSTITUTE

AI Powered Project Manager



HIGH-IMPACT, MULTIFACETED TRAINING

Today's organizations need project managers who can lead teams, manage complexity, and leverage Artificial Intelligence to improve planning, communication, reporting, and decision-making. Traditional project management skills alone are no longer enough. Employers are increasingly seeking professionals who combine project management expertise with practical AI skills to deliver projects more efficiently.

The AI-Powered Project Manager Bootcamp provides the knowledge, tools, and real-world experience needed to become an industry-ready project professional. Students develop the technical, leadership, and AI capabilities required to manage projects confidently while preparing for the internationally recognized CAPM® certification.

OVERVIEW

AI-Powered Project Manager Bootcamp Curriculum Overview

The AI-Powered Project Manager Bootcamp at Workforce Institute is a 14-week, part-time online program designed to prepare learners for the Certified Associate in Project Management (CAPM®) examination while developing practical project management and AI-powered workplace

Whether you're beginning your project management career or looking to strengthen your existing skills, this bootcamp provides a structured pathway from project fundamentals to AI-enabled project delivery.

You'll gain

- Complete knowledge of modern project management principles aligned with PMI standards
- Practical experience creating real project documents and Plans
- Hands-on experience using AI tools to improve project planning, documentation, communication, and reporting
- Preparation for the CAPM certification examination
- Experience through guided exercises, project simulations, and case studies

The program is highly interactive and designed around practical application. Throughout the program, you'll receive:

- Weekly mentor office hours
- Academic support and progress coaching
- Live Q&A sessions
- Instructor feedback
- Guided project simulations
- Practice CAPM examination questions

Learning takes place through self-paced online modules, instructor-led workshops, practical assignments, AI exercises, and a comprehensive project simulation

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Invest in Career-Ready Skills

This bootcamp is more than CAPM exam preparation—it's designed to prepare you for today's AI-enabled workplace.

By the end of the program, you will:

- Understand predictive, agile, adaptive, and hybrid project management methodologies
- Create professional project documentation including charters, schedules, budgets, and risk registers
- Apply business analysis techniques to gather and manage requirements
- Use Generative AI responsibly to increase productivity throughout the project lifecycle
- Improve leadership, stakeholder communication, and decision-making skills
- Earn a professional certificate upon successful completion
- Be prepared to write the CAPM certification examination

Who Should Attend

The AI-Powered Project Manager Bootcamp is designed

Career Starters

Individuals looking to begin a career in project management with no prior experience.

Career Changers

Professionals from business, operations, IT, healthcare, education, marketing, finance, or other industries who want to transition into project management

Career Advancers

Current project coordinators, team leads, supervisors, or junior project managers looking to strengthen their skills and prepare for CAPM certification

Professionals Interested in A

ndividuals who want to integrate Artificial Intelligence into project planning, communication, documentation, reporting, and decision-making



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Job Roles You'll Be Ready For

Graduates will be prepared for roles including

- Project Coordinator
- **Associate Project Manager**
- Project Administrator
- Project Analyst
- PMO Coordinator
- Junior Scrum Master
- Business Analyst (Entry Level
- Operations Coordinator
- Implementation Coordinator

Program Structure

14 Weeks of Blended Learning

A combination of self-paced online learning, instructor guidance, AI-powered exercises, and real-world project simulation

Online Modules

Flexible online lessons that allow students to learn on their own schedule.

Weekly Live Office Hours

Meet with instructors to discuss course content, assignments, and project challenges.

Guided Assignments

Apply concepts through practical exercises, AI activities, and a complete project simulation.

Mentoring & Discussion Forum

Collaborate with instructors and fellow learners while receiving guidance throughout the program

Q&A and Review Sessions

Weekly review sessions reinforce learning and prepare students for certification success

Zoom Sessions

Participate in instructor-led live sessions for deeper learning and discussion.

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FUTURE-READY CURRICULUM

AI Integration Throughout the Bootcamp

Artificial Intelligence is integrated throughout the curriculum rather than being taught as a standalone topic

Students will learn how to use AI to:

- Develop project charters and business cases
- Draft stakeholder communication plans
- Create risk registers and mitigation strategies
- Analyze project risks and trends
- Prepare project presentations
- Create project schedules and work breakdown structures
- Generate meeting agendas, minutes, and action items
- Produce status reports and executive summaries
- Improve stakeholder communication
- Review and improve AI-generated outputs using professional judgment

By combining internationally recognized project management practices with modern AI tools, graduates will be equipped to lead projects more efficiently, communicate more effectively, and deliver greater value in today's AI-enabled workplace

Module 01

Course Orientation and CAPM Success Plan

Learners understand the course structure, CAPM path, and how to study successfully.

- Welcome to the Course
- What CAPM Is and Who It Is For
- How This Self-Paced Course Works
- CAPM Exam Overview and Study Strategy
- Building Your Personal Learning Plan

Module 02

Foundations of Project Management

Learners build a strong base in project management language and structure.

- What Is a Project?
- Projects vs Operations vs Programs vs Portfo
- The Role of the Project Manag
- Project Life Cycles and Phases
- Key Project Management Terms and Conce

Module 03

Course Orientation and CAPM Success Plan

Learners understand how projects create value and operate within real business environments.

- Value and Benefits of Projects
- Constraints, Assumptions, Risks, and Issues
- Organizational Structures and Project Impact
- Governance and Decision-Making
- Ethics and Professional Responsibility

Module 04

Project Initiation and Charter Development

Learners can explain how a project is initiated and create a simple charter.

- Why Projects Start
- Understanding Business Needs
- Defining Objectives and Success Criteria
- Creating the Project Charter
- Identifying High-Level Stakeholders

Module 05

Stakeholder Engagement and Communication

Learners can identify stakeholders and plan communication clearly.

- Identifying Stakeholders
- Stakeholder Analysis and Mapping
- Communication Methods and Channels
- Building a Communication Plan
- Managing Meetings, Updates, and Escalations

Module 06

Scope and Requirements Management

Learners can define what the project includes and organize work into manageable parts.

- Product Scope vs Project Scope
- Gathering Requirements
- Documenting and Prioritizing Requirements
- Writing the Scope Statement
- Building a Work Breakdown Structure

Module 07

Schedule Management

Learners can create and manage a basic project schedule.

- Defining Activities
- Sequencing Work and Dependencies
- Estimating Duration
- Building Milestones and Timelines
- Monitoring and Adjusting the Schedule

Module 08

Cost and Resource Management

Learners understand the basics of budgeting and resource planning.

- Introduction to Project Costs
- Estimating Costs and Building a Budget
- Resource Planning Basics
- Roles and Responsibilities on a Project Team
- Balancing Cost, Time, and Resources

Module 09

Quality, Procurement, Risk, and Change Control

Learners understand how projects maintain quality and handle uncertainty and change.

- Quality Planning and Quality Control
- Procurement and Vendor Basics
- Identifying and Recording Risks
- Planning Risk Responses
- Managing Issues, Changes, and Corrective Actions

Module 10

Agile, Adaptive, and Hybrid Approaches

Learners understand agile and hybrid delivery approaches used in modern projects.

- Agile Mindset and Principles
- Scrum Roles, Events, and Artifacts
- Kanban and Flow-Based Work
- User Stories, Backlogs, and Prioritization
- Hybrid Project Management and When to Use It

Module 11

Business Analysis for Project Managers

Learners understand the business analysis concepts that support successful projects.

- What Business Analysis Is
- Identifying Business Needs
- Eliciting Requirements from Stakeholders
- Validating and Prioritizing Requirements
- Traceability and Supporting Solution Delivery

Module 12

AI Foundations for Project Management

Learners understand what AI can and cannot do in project management.

- What AI Means for Project Managers
- Generative AI vs Traditional Automation
- AI Use Cases Across the Project Life Cycle
- Risks, Limitations, and Hallucinations
- Responsible and Ethical Use of AI

Module 13

AI Applications in Project Work

Learners can use AI tools practically while applying human judgment.

- Prompting for Project Management Tasks
- Using AI to Draft Charters and Plans
- Using AI for Meeting Notes and Action Items
- Using AI for Status Reports, Risks, and Communication
- Reviewing, Correcting, and Improving AI Output

Module 14

Project Simulation, CAPM Review, and Final Readiness

Learners apply what they learned and prepare for the exam with confidence.

- Guided Project Simulation: Initiation and Planning
- Guided Project Simulation: Scope, Schedule, and Risk
- Guided Project Simulation: Communication and Reporting
- CAPM Practice Question Strategies
- Final Review and Exam Readiness Plan