

Unleashing the Potential of Artificial Intelligence and Advanced Prompt Engineering in Project Management - 3 Day

PDU's – 19.5

PMI's Talent Triangle Breakdown

Ways of Working - 11.00
Power Skills - 2.00
Business Acumen - 6.50

PMI's Certification Breakdown

PMP - 19.50
PMI-ACP - 19.50
PMI-SP - 9.5
PMI-RMP - 9.5
PfMP - 8.5
PMI-PBA - 8.5



face-to-face



virtual
instructor-led

Course Description: This course is a two-day instructor-led course with an extra free 1-day self-paced component given to attendees. The self-paced free day for attendees will include Advanced Prompt Engineering Skills for Project Management. The third day is only given to those participants in the two-day course.

This two-day instructor-led Unleashing the Potential of Artificial Intelligence in Project Management will explore the breadth and depth of artificial intelligence (AI) and its applications in project management. The course will provide an understanding of AI's challenges while delving into how AI can revolutionize project management industries. Participants will examine the ethics associated with AI and gain insights into the future trends and impact of AI on project management. By the end of the course, participants will have a foundational knowledge of AI, the ability to create prompts for AI output, and an understanding of how AI could work in project management.

The free one-day, self-paced Advanced Prompt Engineering and Writing Skills course helps participants use various forms of AI, such as ChatGPT, Gemini, and Claude, to begin writing customized prompts to use AI to assist the project. This course moves past the two-day course's foundational knowledge of writing prompts and goes through a project showing each beginning prompt and how AI responds with specific outputs.

Method of teaching: Students will use discussion, cases, and group activities to facilitate the course.

Course Objectives:

Objective 1: Recall core concepts and definitions of AI

- Discuss the fear of AI and the impact of its hesitancy
- Assess the potential benefits of integrating AI into the project environment
- Identify vital ethical considerations associated with AI applications
- Understand the fundamental principles behind how AI works in projects
- Summarize the impact of AI on different types of projects or industries with projects

Objective 2: Apply AI tools to risk assessment

- Utilize AI to forecast project trends and enhance decision-making
- Analyze the potential impact of AI on various project management processes

Objective 3: Evaluate the advantages and limitations of AI in project management

- Discuss strategies to address limitations
- Design a plan for integrating AI tools into existing project frameworks
- Compare and contrast various AI technologies and their applications
- Evaluate the risks of integrating AI into the project environment
- Evaluate the potential obstacles associated with AI adoption in PM
- Discuss the ROI associated with integrating AI into project management

Objective 4: Discuss AI analytics for resource optimization

- Create various prompts through prompt engineering focus
- Understand how to use prompts to get AI to respond properly
- Evaluate organizational readiness for implementing AI

Objective 5: Create design prompts

- Problem-Solving Prompts
 - Scenario-based problems requiring analysis and solution development
- Engineering Prompts
 - Questions related to fundamental concepts and theories
 - Analysis of principles and their applications
 - Evaluation of design choices and trade-offs
- Prompts Generation Guidelines
 - Clarity and specificity of the prompt
 - Incorporation of real-world scenarios and problems
 - Consideration of the appropriate difficulty level for the target audience