

Agile Problem Solving: A Training Course for Project Managers

23 – 27 August 2027
Accra

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Ref: 36096_264833 **Date:** 23 – 27 August 2027 **Location:** Accra **Fees:** 4850 Euro

Agile Thinking and Problem Solving Course Overview:

Welcome to the 'PROBLEM SOLVING' course, a comprehensive project manager training course aimed at honing your cognitive problem-solving skills. This unique offering aims to cultivate an agile mindset in project management. It is not just a problem-solving course but a comprehensive training for project managers that focuses on the principles of agile project management. The course bridges the gap between problem-solving theory and its practical application in the workplace, giving you a chance to experience the realities of real-world challenges. Our certified project manager CPM course is designed to provide you with essential tools for successful project execution, from the initiation to the closing phase.

Target Audience:

- Aspiring Project Managers
- Project Coordinators
- Team Leaders
- Professionals aiming to acquire the Certified Project Manager CPM designation
- Professionals seeking to enrich their Agile Project Manager training.

Targeted Organizational Departments:

- Project Management Office PMO
- Research & Development Department
- Operations Department
- IT Department

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Targeted Industries:

- IT Industry
- Construction Industry
- Manufacturing Industry
- Financial Services
- Healthcare Industry
- Software Development Companies
- Tech Startups

Course Offerings:

Upon completion of 'PROBLEM SOLVING,' participants will:

- Have received comprehensive problem-solving training.
- Acquire skills for defining problems, generating alternatives, choosing the best solution, and implementing it effectively.
- Understand and implement Agile project management principles for managing project risk and improving team collaboration.

Course Toolbox:

The following resources and tools will be provided:

- A workbook with exercises and templates
- An online resource portal with reading materials and case studies
- Problem-solving tools
- Agile project management software for practical training
- A checklist for monitoring progress
- Tool 1a: Affinity Diagram
- Tool 1b: Stakeholder Analysis Matrix
- Tool 1c: Problem Framing Tool
- Tool 2a: Data Collection Matrix
- Tool 2b: Field Survey
- Tool 3a: Root Cause Analysis
- Tool 3b: Focus Group Discussions
- Tool 4a: Brainstorming
- Special Tools: Dialogue and Negotiation, Mediation, Negotiation, and Shuttle Diplomacy
- Tool 4b: Weighted Average Analysis
- Tool 5a: Action Plan
- Tool 5b: Establishing Team and Roles & Responsibilities RACI Matrix
- Tool 5c: Gantt Chart
- Tool 5d: Communication Plan
- Tool 6a: Most Significant Change Technique
- Tool 6b: Problem Reporting

Course Agenda:

Day 1: Foundations of Problem-Solving & Agile Thinking

- **Topic 1:** Introduction to Problem-Solving and Decision-Making
- **Topic 2:** The Agile Mindset in Problem-Solving
- **Topic 3:** The RESOLVE Framework for Structured Problem-Solving
- **Topic 4:** Critical Thinking and Cognitive Flexibility in Problem-Solving
- **Topic 5:** Identifying and Overcoming Cognitive Biases
- **Topic 6:** Agile Problem-Solving vs. Traditional Approaches
- **Reflection & Review:** Applying Agile Thinking to Real-World Problems

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Day 2: Problem Identification and Data Collection

- **Topic 1:** Defining Problems Clearly: The Art of Framing
- **Topic 2:** Stakeholder Analysis and Engagement in Agile Projects
- **Topic 3:** Data Collection Techniques for Informed Decision-Making
- **Topic 4:** Validating Problems Using Agile Methodologies
- **Topic 5:** Risk Assessment and Prioritization in Problem-Solving
- **Topic 6:** Problem-Solving Tools: Affinity Diagrams, Root Cause Analysis
- **Reflection & Review:** Hands-on Exercise on Data Collection and Analysis

Day 3: Option Analysis and Decision-Making

- **Topic 1:** Observing and Analyzing Available Solutions
- **Topic 2:** Generating Innovative Solutions with Agile Brainstorming
- **Topic 3:** Feasibility Analysis: Cost-Benefit and Weighted Average Analysis
- **Topic 4:** Decision-Making in Agile Teams: Collaborative Problem-Solving
- **Topic 5:** Agile Prioritization Techniques: MoSCoW, Kano Model
- **Topic 6:** Testing and Validating Potential Solutions
- **Reflection & Review:** Applying Decision-Making Techniques to Case Studies

Day 4: Implementation Planning and Execution

- **Topic 1:** Developing an Action Plan for Problem Resolution
- **Topic 2:** Agile Communication Strategies for Team Alignment
- **Topic 3:** Conflict Resolution and Stakeholder Negotiation Techniques
- **Topic 4:** Utilizing Agile Tools: RACI Matrix, Gantt Charts, Sprint Planning
- **Topic 5:** Change Management: Overcoming Resistance to Solutions
- **Topic 6:** Implementing Solutions with Agile Project Execution
- **Reflection & Review:** Group Activity on Agile Execution Strategies

Day 5: Evaluation, Continuous Improvement & Final Project

- **Topic 1:** Measuring the Success of Implemented Solutions
- **Topic 2:** Agile Retrospective: Lessons Learned from Problem-Solving
- **Topic 3:** Monitoring Progress with KPIs and Agile Metrics
- **Topic 4:** Continuous Improvement Strategies for Problem-Solving
- **Topic 5:** Final Case Study: Solving a Real-World Problem in Teams
- **Topic 6:** Certification & Action Plan for Real-World Application
- **Reflection & Review:** Course Wrap-Up, Q&A, and Certificate Distribution

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How This Course is Different from Other Problem-Solving Courses:

Our 'PROBLEM-SOLVING' course transcends beyond ordinary problem-solving training, integrating comprehensive project manager training course components. It's an all-in-one package for professionals seeking certified project manager CPM course credentials. Uniquely designed with Agile project manager training in mind, this course will equip participants with the necessary skills for swift decision making, problem-solving, and project execution.