



## **Agile Problem Solving: A Training Course for Project Managers**



**AGILE LEADERS**  
Training Center



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### **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



## 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



## 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



## **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.

# Training Course Categories



**Finance and  
Accounting Training  
Courses**



**Agile PM and Project  
Management Training  
Courses**



**Certified Courses By  
International Bodies**



**Communication and  
Public Relations  
Training Courses**



**Data Analytics Training  
and Data Science  
Courses**



**Environment &  
Sustainability Training  
Courses**



**Governance, Risk and  
Compliance Training  
Courses**



**Human Resources  
Training and  
Development Courses**



**IT Security Training & IT  
Training Courses**



**Leadership and  
Management Training  
Courses**



**Legal Training,  
Procurement and  
Contracting Courses**



**Maintenance Training  
and Engineering  
Training Courses**





# Training Course Categories



**Marketing, Customer Relations, and Sales Courses**



**Occupational Health, Safety and Security Training Courses**



**Oil & Gas Training and Other Technical Courses**



**Personal & Self-Development Training Courses**



**Quality and Operations Management Training Courses**



**Secretarial and Administration Training Courses**



## Training Cities



**Accra - Ghana**



**Amman - Jordan**



**Amsterdam - Netherlands**



**Baku - Azerbaijan**



**Bali - Indonesia**



**Bangkok - Thailand**



**Barcelona - Spain**



**Cairo - Egypt**



**Cape town - South Africa**



**Casablanca - Morocco**



**Doha - Qatar**



**Dubai - UAE**



**Geneva - Switzerland**



**Istanbul - Turkey**



**Jakarta - Indonesia**



**Johannesburg - South Africa**



## Training Cities



**Kuala Lumpur - Malaysia**



**Langkawi - Malaysia**



**London - UK**



**Madrid - Spain**



**Manama - Bahrain**



**Milan - Italy**



**Nairobi - Kenya**



**Paris - France**



**Phuket - Thailand**



**Prague - Czech Republic**



**Rome - Italy**



**Sharm El-Sheikh - Egypt**



**Tbilisi - Georgia**



**Tokyo - Japan**



**Vienna - Austria**



**Zanzibar - Tanzania**



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# Training Cities



**Zoom - Online  
Training**



# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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## CONTACT US

 UAE, Dubai Investment Park First

 +971585964727  
+447700176600

 [sales@agile4training.com](mailto:sales@agile4training.com)