MERCURY

Creativity, Critical Thinking, and Problem-Solving

31 May – 4 June 2027
Cape Town (South Africa)



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Ref: 15883_1067107 **Date:** 31 May – 4 June 2027 **Location:** Cape Town (South Africa) **Fees:** 5300 Euro

Introduction:

Creativity, critical thinking, and problem-solving are skills for navigating the complexities of today's fast-paced and ever-changing world. Creativity involves generating innovative ideas and approaches, allowing individuals to think outside the box and explore new possibilities. Critical thinking enables individuals to evaluate information, make reasoned judgments, and identify logical connections between ideas.

Problem-solving brings these skills together, empowering individuals to tackle challenges effectively, make informed decisions, and implement solutions. In this Creativity, Critical Thinking, and Problem-Solving course, participants will develop the tools and strategies to enhance their creative potential, think critically, and approach problems confidently and ingeniously.

The Creativity, Critical Thinking, and Problem-Solving course equips participants with essential critical thinking and creative problem-solving skills. Individuals will enhance their ability to approach challenges creatively and critically, fostering innovative solutions. By mastering creativity, critical thinking, and problem-solving, learners can effectively address complex issues, using critical thinking and creative problem-solving methods to generate actionable answers.

This Creativity, Critical Thinking, and Problem-Solving training emphasizes the importance of critical thinking and problem-solving. It offers practical techniques for solving problems using critical and creative thinking. Participants will learn creativity and problem-solving skills crucial for success in today's dynamic work environment. They will develop these skills to navigate and resolve challenges, empowering them to make sound decisions and drive positive outcomes.

Targeted Groups:

- Business leaders and managers are seeking innovative solutions.
- Entrepreneurs aiming to enhance decision-making and problem-solving skills.
- Professionals in creative fields are looking to boost their creative thinking.
- Educators and trainers aim to foster critical thinking in their students.
- Teams and departments need to improve collaboration and problem-resolution.
- Individuals seeking personal development in critical thinking and creative problem-solving.
- Consultants and advisors aim to refine their analytical and strategic thinking skills.

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Course Objectives:

At the end of this Creativity, Critical Thinking, and Problem-Solving course, the participants will be able to:

- Develop the ability to generate innovative ideas and solutions.
- Enhance skills in analyzing and evaluating complex information.
- Learn structured approaches to solve problems effectively.
- Improve decision-making skills in challenging and uncertain situations.
- Foster a mindset of continuous improvement and adaptability.
- Strengthen the ability to collaborate and communicate creative ideas.
- Master techniques to overcome mental blocks and foster creative thinking.
- Apply critical thinking to assess and refine ideas and solutions.
- Build confidence in approaching problems with strategic thinking.
- Cultivate resilience and persistence in problem-solving processes.

Targeted Competencies:

By the end of this Creativity, Critical Thinking, and Problem-Solving training, the participant's competencies will:

- Enhancing creative idea generation and innovation.
- Strengthening analytical and evaluative thinking.
- Developing structured problem-solving methodologies.
- Improving decision-making under uncertainty.
- Fostering adaptive thinking and flexibility.
- Encouraging collaboration and idea-sharing in teams.
- Applying critical thinking to real-world scenarios.
- Mastering techniques for overcoming mental blocks.
- Cultivating a growth mindset for continuous learning.
- Refining communication skills to articulate ideas effectively.

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Course Content:

Unit 1: Understanding Creativity and Innovation:

- Define creativity and its importance in problem-solving.
- Explore the relationship between creativity and innovation.
- Identify different types of creativity e.g., individual vs. collaborative.
- Examine barriers to creativity and how to overcome them.
- Apply creative thinking techniques like brainstorming and mind mapping.
- Learn the role of curiosity in fostering innovative ideas.
- Discover methods to develop a creative mindset.
- Analyze case studies of successful creative innovations.

Unit 2: Developing Critical Thinking Skills:

- Define critical thinking and its role in decision-making.
- Learn how to evaluate information logically and objectively.
- Understand the importance of questioning assumptions.
- Study common cognitive biases and how to avoid them.
- Learn techniques for analyzing arguments and evidence.
- Apply frameworks like SWOT analysis to evaluate ideas.
- Practice reflective thinking to enhance decision-making clarity.
- Engage in exercises that challenge traditional thought patterns.

Unit 3: Problem-Solving Frameworks and Methods:

- Introduce problem-solving models like the PDCA cycle and the 5 Whys.
- Learn how to break down complex problems into manageable parts.
- Identify the key steps in solving a problem: understanding, analysis, creativity, and implementation.
- Apply systematic approaches like root cause analysis.
- Use creative problem-solving methods to find multiple solutions.
- Understand the role of decision-making tools like decision matrices.
- Practice solving real-world problems through case studies and simulations.
- Learn to evaluate solutions for effectiveness and feasibility.

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Unit 4: Enhancing Team Creativity and Collaboration:

- Explore how diverse perspectives improve creativity and problem-solving.
- Understand the dynamics of creative teams and group thinking.
- Learn techniques for fostering an open, collaborative environment.
- Develop skills in giving and receiving constructive feedback.
- Practice group problem-solving activities like group brainstorming and mind mapping.
- Learn to manage conflict and maintain focus on creative goals.
- Study the benefits of interdisciplinary collaboration for innovative solutions.
- Learn how to lead and motivate teams toward creative problem-solving.

Unit 5: Applying Creativity, Critical Thinking, and Problem-Solving to Real-World Challenges:

- Use creativity and critical thinking to tackle business and personal challenges.
- Learn to adapt problem-solving techniques to various industries and contexts.
- Explore how to align solutions with organizational goals and values.
- Develop strategies to assess and mitigate risks when implementing solutions.
- Work on a capstone project integrating creativity, critical thinking, and problem-solving.
- Understand the importance of evaluation and iteration in the problem-solving process.
- Learn how to measure the success of creative solutions.
- Practice presenting and defending your creative solutions in front of stakeholders.