



Creative Problem Solving and Decision Making

Master the Art of Strategic Thinking and Innovative Solutions



Introduction



This course is designed to empower you with the skills and mindset needed to tackle challenges head-on, make informed decisions, and foster innovation in your personal and professional life. Get ready for an interactive learning journey filled with real-life examples and engaging activities that will transform the way you approach problem-solving.

Course Objectives



1 Develop a creative mindset and problem-solving approach.

2 Master various decision-making techniques to enhance your choices.

3 Apply critical thinking skills to solve complex problems.

4 Utilize creativity in decision-making for innovative solutions.

5 Gain confidence in making effective and strategic decisions.

6 Apply your skills through hands-on, real-life scenarios.

Course Benefits

- Acquire practical problem-solving techniques.
- Enhance decision-making skills in diverse situations.
- Boost creativity and innovative thinking.
- Develop a strategic mindset for effective planning.
- Apply learning immediately in real-world scenarios.
- Build confidence in navigating challenges.

Course Modules

Introduction to Creative Problem Solving

1

1. Understanding the creative process
2. Overcoming common problem-solving barriers

Decision-Making Fundamentals

2

1. Exploring decision-making models
2. Identifying decision-making biases

Critical Thinking Techniques

3

1. Developing analytical thinking skills
2. Applying critical thinking to problem-solving

Integrating Creativity into Decision Making

4

1. Fostering a creative mindset
2. Techniques for generating innovative solutions

Strategic Decision Making

5

1. Strategic planning for effective decisions
2. Balancing risks and opportunities

Real-Life Application and Case Studies

6

1. Applying creative problem-solving in diverse scenarios
2. Analyzing real-life case studies for practical insights

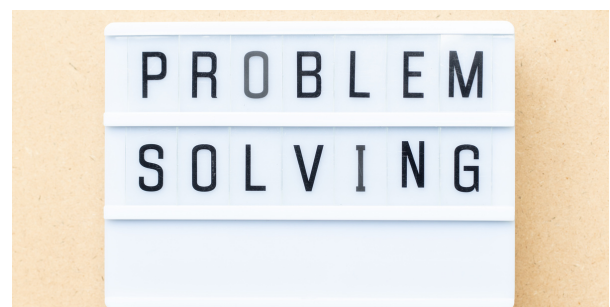
Who Should Join This Course

→ Ideal for individuals aiming to enhance their problem-solving and decision-making skills to stand out in their careers.

→ Perfect for those looking to infuse creativity into their decision-making process, fostering innovation and strategic thinking.

→ Suitable for anyone, regardless of experience, who wants to develop a versatile skill set for addressing challenges in various aspects of life.

→ Tailored for individuals with a curious and open mindset, eager to explore new perspectives and approaches to problem-solving and decision-making.



Module 1 : Introduction to Creative Problem Solving

Lesson 1 : Understanding the Creative Process

Objective :

By the end of this lesson, you will comprehend the fundamentals of the creative process and recognize common barriers to creative problem solving.

Content :

We'll kick off our journey by diving into the creative process. Understanding how creativity unfolds is crucial for effective problem-solving. We'll explore the stages of ideation, incubation, and implementation. Real-life examples will illuminate each stage, providing insights into how breakthrough ideas emerge.

Key Points:

- The stages of the creative process: Ideation, Incubation, Implementation.
- Real-life examples of successful creative problem-solving.
- Barriers to creativity and how to overcome them.



Module 1 :

Introduction to Creative Problem Solving

Lesson 2 : Overcoming Common Problem-Solving Barriers

Objective :

In this lesson, you'll identify and overcome common barriers that hinder effective problem-solving and creative thinking.

Content :

We'll dissect obstacles that often impede the creative problem-solving journey. From fear of failure to cognitive biases, we'll equip you with strategies to navigate these challenges. Engage in interactive exercises to recognize and overcome personal barriers, fostering a mindset ready for creative problem-solving.

Key Points:

- Common barriers to creative problem-solving.
- Strategies to overcome fear of failure.
- Cognitive biases and their impact on decision-making.



Module 2 : Decision-Making Fundamentals

Lesson 1 : Exploring Decision-Making Models

Objective :

By the end of this lesson, you will gain a comprehensive understanding of various decision-making models and their applications.

Content :

Delve into the world of decision-making models, exploring classics like the rational decision-making model and behavioral models. Real-life scenarios will illustrate how each model is applied. Engage in discussions to grasp the strengths and limitations of different models, laying the foundation for informed decision-making.

Key Points:

- Introduction to decision-making models.
- Rational decision-making model.
- Behavioral decision-making models.
- Application of decision-making models in real-life scenarios.



Module 2 : Decision-Making Fundamentals

Lesson 2 : Identifying Decision-Making Biases

Objective :

In this lesson, you'll learn to recognize common decision-making biases and understand their impact on choices.

Content :

Uncover the cognitive biases that can cloud judgment and hinder effective decision-making. Through case studies and interactive exercises, you'll identify biases like anchoring, confirmation bias, and overconfidence. Practical tips and strategies will be shared to mitigate the influence of biases in decision-making.

Key Points:

- Common decision-making biases.
- Case studies illustrating biases in action.
- Strategies to mitigate biases in decision-making.



Module 3 : Critical Thinking Techniques

Lesson 1 : Developing Analytical Thinking Skills

Objective :

By the end of this lesson, you will hone your analytical thinking skills and understand their role in effective critical thinking.

Content :

Embark on a journey to sharpen your analytical thinking. Explore logical reasoning, deduction, and induction as key components of critical thinking. Real-world examples will illuminate how analytical skills contribute to problem-solving. Engage in exercises to apply analytical thinking to everyday scenarios.

Key Points:

- Components of analytical thinking.
- Logical reasoning in critical thinking.
- Application of analytical skills in problem-solving.



Module 3 : Critical Thinking Techniques

Lesson 2 : Applying Critical Thinking to Problem-Solving

Objective :

In this lesson, you'll learn how to integrate critical thinking into your problem-solving approach for more effective and informed decisions.

Content :

Discover the symbiotic relationship between critical thinking and problem-solving. Case studies will showcase instances where critical thinking led to innovative solutions. Engage in hands-on exercises to practice applying critical thinking skills to complex problems, fostering a deeper understanding of the problem-solving process.

Key Points:

- Integration of critical thinking in problem-solving.
- Real-life examples of critical thinking in action.
- Hands-on exercises for applying critical thinking to problems.



Module 4 : Integrating Creativity into Decision Making

Lesson 1 : Fostering a Creative Mindset

Objective :

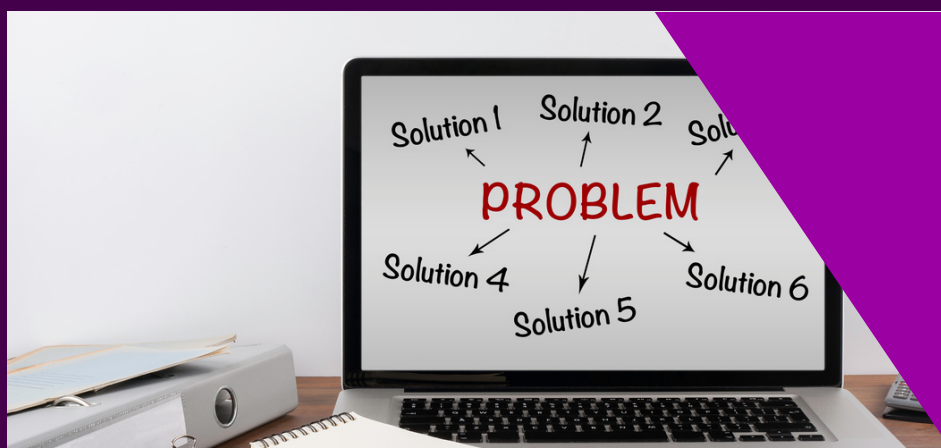
By the end of this lesson, you will understand the importance of a creative mindset in decision-making and develop strategies to foster creativity.

Content :

Embark on a journey to cultivate a creative mindset. Explore the link between creativity and effective decision-making. Engage in activities designed to unlock your creative potential and overcome mental blocks. Real-life examples will showcase how a creative mindset contributes to innovative decision-making.

Key Points:

- The relationship between creativity and decision-making.
- Strategies to foster a creative mindset.
- Overcoming mental blocks to creativity.



Module 4 : Integrating Creativity into Decision Making

Lesson 2 : Techniques for Generating Innovative Solutions

Objective :

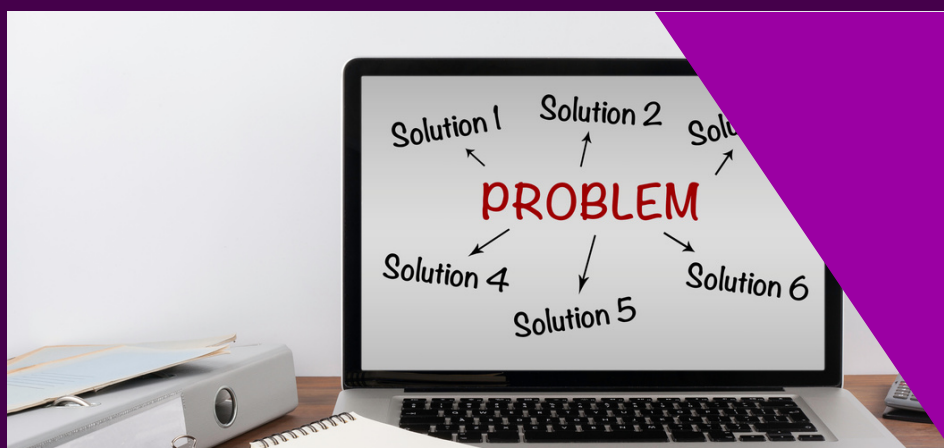
In this lesson, you'll learn practical techniques for generating innovative solutions to problems.

Content :

Dive into a toolkit of creative techniques, from brainstorming to mind mapping. Real-world examples will demonstrate how these techniques lead to groundbreaking solutions. Engage in interactive sessions to apply these techniques to your own challenges, cultivating a repertoire of creative problem-solving approaches.

Key Points:

- Creative problem-solving techniques.
- Real-world examples of innovative solutions.
- Hands-on application of creative techniques.



Module 5 : Strategic Decision Making

Lesson 1 : Strategic Planning for Effective Decisions

Objective :

By the end of this lesson, you will grasp the essentials of strategic planning and understand its role in making effective decisions.

Content :

Dive into the world of strategic decision-making through effective planning. Explore the importance of setting clear goals and aligning decisions with long-term objectives. Real-life case studies will showcase instances where strategic planning played a pivotal role. Engage in exercises to develop your strategic thinking skills.

Key Points:

- Basics of strategic planning.
- Aligning decisions with long-term goals.
- Real-life case studies in strategic decision-making.



Module 5 : Strategic Decision Making

Lesson 2 : Balancing Risks and Opportunities

Objective :

In this lesson, you'll learn how to assess and balance risks and opportunities in the decision-making process.

Content :

Navigate the delicate balance between risks and opportunities in decision-making. Explore risk assessment methodologies and learn how to turn challenges into opportunities. Engage in interactive discussions and case studies to hone your skills in weighing potential risks and rewards for informed decision-making.

Key Points:

- Risk assessment in decision-making.
- Turning challenges into opportunities.
- Case studies on balancing risks and opportunities.



Module 6 :

Real-Life Application and Case Studies

Lesson 1 : Applying Creative Problem-Solving in Diverse Scenarios

Objective :

By the end of this lesson, you will be able to apply creative problem-solving techniques to a variety of real-life scenarios.

Content :

Immerse yourself in practical applications of creative problem-solving. Explore diverse scenarios, from business challenges to personal dilemmas, and apply the skills acquired throughout the course. Engage in hands-on activities to tackle problems in a collaborative and innovative manner. Real-life success stories will inspire your own approach to creative problem-solving.

Key Points:

- Application of creative problem-solving in various contexts.
- Hands-on activities in diverse scenarios.
- Real-life success stories of creative problem-solving.



Module 6 : Real-Life Application and Case Studies

Lesson 2 : Analyzing Real-Life Case Studies for Practical Insights

Objective :

In this lesson, you'll learn to analyze real-life case studies to extract practical insights for future problem-solving and decision-making.

Content :

Dive into real-life case studies that present complex challenges and their resolutions. Learn to extract key insights, identify decision points, and evaluate the effectiveness of different approaches. Engage in discussions to deepen your understanding and share perspectives with fellow learners.

Key Points:

- Analyzing real-life case studies for practical insights.
- Identifying decision points and outcomes.
- Collaborative discussions on case studies.



BASIC PRINCIPLES FOR COURSE IMPLEMENTATION



Active Engagement

- Encourage active participation and engagement from learners through discussions, hands-on activities, and real-life problem-solving exercises. Active involvement enhances understanding and retention of key concepts.



Embrace Challenges as Opportunities

- Foster a mindset that views challenges as opportunities for growth and learning. Encourage learners to approach problems with curiosity, resilience, and a willingness to explore creative solutions.



Curiosity and Open Mindset

- Cultivate a culture of curiosity and an open mindset throughout the course. Emphasize the value of diverse perspectives and the exploration of new ideas, promoting a dynamic and inclusive learning environment.



Collaboration and Sharing

- Promote collaboration among learners by creating opportunities for them to share insights, experiences, and solutions. Peer-to-peer discussions and collaborative activities enhance the learning experience and broaden perspectives.



Immediate Application in Real-World Scenarios

- Emphasize the immediate application of learned concepts in real-world scenarios. Provide opportunities for learners to apply creative problem-solving and decision-making skills to practical situations, reinforcing the relevance and effectiveness of the course content.

PRACTICAL TIPS FOR IMPLEMENTING THE COURSE



Interactive Learning Platforms

- Utilize interactive online platforms that support discussions, collaborative activities, and real-time problem-solving exercises. Platforms with multimedia capabilities enhance engagement and provide a dynamic learning experience.



Regular Check-ins and Feedback

- Schedule regular check-ins to gauge learner progress and understanding. Encourage open communication and provide constructive feedback to guide individuals on their creative problem-solving journey.



Real-Life Application Assignments

- Incorporate real-life application assignments throughout the course. Assignments that prompt learners to apply concepts in their personal or professional lives reinforce practical skills and deepen understanding.



Guest Speakers and Industry Insights

- Invite guest speakers or provide insights from industry professionals who have successfully applied creative problem-solving and decision-making in their fields. Real-world experiences and case studies add depth and relevance to the course.



Peer Learning Opportunities

- Facilitate peer learning through group projects, collaborative discussions, and shared problem-solving sessions. Peer interaction allows learners to benefit from diverse perspectives, fostering a rich and inclusive learning community.

READING MATERIAL AND CASE STUDIES

"Thinking, Fast and Slow" by Daniel Kahneman

A foundational book exploring cognitive biases and decision-making processes, offering valuable insights into the intricacies of human thought.

"Creative Confidence" by Tom Kelley and David Kelley

This book emphasizes the importance of unlocking creativity to solve problems, providing practical strategies to boost confidence in creative thinking.

Case Study 1 : Netflix's Decision to Invest in Original Content

- Explore how Netflix strategically decided to invest in original content, analyzing the risks and opportunities involved in disrupting the traditional entertainment industry.

Case Study 2 : SpaceX's Falcon 9 Rocket Landing

- Examine SpaceX's decision-making process and innovative solutions involved in achieving the historic feat of landing a reusable rocket, showcasing strategic thinking in the aerospace industry.

Case Study 3 : Toyota's Lean Production System

- Investigate Toyota's application of lean principles in its production system, showcasing how strategic decision-making and problem-solving can revolutionize manufacturing processes.



Who We Are



KLCC ACADEMY an Accredited Education Centre in Malaysia - provides an enriched learning environment that has helped countless students get ahead. Founded in 2013, the Academy is in heart of Kuala Lumpur near the iconic KLCC - Petronas Twin Towers (distance of 500m) and reflects the diverse backgrounds and cultures of the area.

We believe that education is a fundamental right, and everyone should have access to quality higher education. With this view in mind, we strive to create opportunities for those who have genuine aspiration and honest intention, who seek high-quality education, great academic experience, unparalleled student services, globally recognizable qualifications, and career prospects post qualification after studying in their chosen destination countries.

Contact Information



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