

# Critical Thinking, Problem Solving and Decision Making Techniques

*Kuala Lumpur (Malaysia)*

*30 June - 4 July 2025*

UK Training

# PARTNER



## Critical Thinking, Problem Solving and Decision Making Techniques

Code: PS28 From: 30 June - 4 July 2025 City: Kuala Lumpur (Malaysia) Fees: 3900 Pound

### Introduction

We are continuously confronted with problems that require us to make decisions. Most decisions are reached without requiring any complex decision-making process: We're hungry? We decide to eat. Some problems are more complex, like deciding how to prioritize our work, or understanding why a process failed and deciding what to do about it; these require a rational approach to problem-solving. Often, things get even more complicated, or our decisions could have an important impact on our lives, careers, or the lives of those around us; that is where we must have the ability to think critically and make sure there is no flaw in our logic. At other times the problem is so unusual that it defies rational and critical thinking; these are the times where creative problem solving becomes an invaluable tool.

In this course, we will cover all these important thinking approaches. After understanding the thinking mechanisms, we will provide you with methods and tools that you will practice during the sessions and that can help you at work or in life, and from the most mundane situations to the most difficult or unusual ones.

### Course Objectives of Best Practices in Problem Solving, Decision-Making & Creativity

- Build and expand decision making, critical thinking, and creative problem-solving skills
- Apply logical and creative approaches to solving problems and making decisions
- Use traditional and creative tools for identifying causes and generating solutions
- Employ creativity and lateral thinking as business tools
- Analyze and solve actual problems facing them at work
- Demonstrate and build credibility with upper management
- Develop strategic approaches to problem solving and decision making

### Best Practices in Problem Solving, Decision-Making & Creativity Course Outlines

#### Day 1

##### Problem-solving and decision making

- Definition of problem
- Definition of problem-solving
- Definition of decision making
- Creative problem solving and decision making
- The helicopter view

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) on it. The board is white and black, and the pieces are gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

UK Training  
**PARTNER**

- Problem diagnosis
- Defining the opportunity or problem
- The link between causes and symptoms
- Problem deviation
- The right decisions at the right time

## Day 2

### The rational approach to problem-solving Kepner & Tregoe

- Defining the problem
- Writing a problem statement
- Techniques for recognizing problems
- Six important questions to clear out
- The rational approach
- Kepner & Tregoe

## Day 3

### Problem analysis supplementary tools

- Root cause analysis
- Creative problem solving and decision making
- The five-why process
- The cause and effect diagram
- The fishbone diagram
- Pareto analysis

## Day 4

### Decision making supplementary tools

- Effective decision making
- Why-Why and how-how analysis
- The how-how method
- Choice making
- The decision analysis worksheet
- The Kepner & Tregoe method for analyzing alternatives
- Use of the matrix
- Effective decision making
- The decision-making matrix
- Definition of [consensus]

## Day 5

### Creativity and problem solving

- The need for thinking skills
- Mental structures of college students
- Stages in problem-solving and decision making

UK Training  
**PARTNER**



- The human brain
- Understanding the two hemispheres of the brain
- Critical thinking
- Lateral thinking
- Mental blocks to creative thinking
- Brainstorming
- The six thinking hats

UK Training  
**PARTNER**



## Blackbird Training Cities

### Europe



Podgorica (Montenegro)



Stockholm (Sweden)



Lyon (France)



Birmingham (UK)



Copenhagen (Denmark)



Bordeaux (France)



Annecy (France)



Oslo (Norway)



Edinburgh (UK)



Glasgow (Scotland)



Sarajevo (Bosnia and Herzegovina)



Malaga (Spain)



London (UK)



Istanbul (Turkey)



Amsterdam (Netherlands)



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)

### USA & Canada



Los Angeles (USA)



Florida (USA)



Online



Boston (USA)



Washington (USA)



Miami (USA)



New York (USA)



Malta (Malta)



Toronto (Canada)



## Blackbird Training Cities

### Asia



Baku (Azerbaijan)



Maldives (Maldives)



Manila (Philippines)



Bali (Indonesia )



Bangkok (Thailand)



Beijing (China)



Moscow (Russia )  
(Malaysia)



Singapore (Singapore )



Sydney (Australia)



Tokyo (Japan)



Dubai (UAE)



Kuala Lumpur



Jakarta (Indonesia)

### Africa



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Marocco)



Nairobi (Kenya)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



## Blackbird Training Clients



UK Training  
**PARTNER**

## Blackbird Training Categories

### Management & Admin

Agile  
Professional Skills  
Finance, Accounting, Budgeting  
Media & Public Relations  
Project Management  
Human Resources  
Audit & Quality Assurance  
Marketing, Sales, Customer Service  
Secretary & Admin  
Supply Chain & Logistics  
Management & Leadership  
Agile and Refinement

### Technical Courses

Hospital Management  
Public Sector  
Special Workshops  
Oil & Gas Engineering  
Telecom Engineering  
IT & IT Engineering  
Health & Safety  
Law and Contract Management  
Customs & Safety  
Aviation  
C-Suite Training



 International House 185 Tower Bridge  
Road London SE1 2UF United Kingdom

 +44 7401 1773 35  
+44 7480 775526

 [Sales@blackbird-training.com](mailto:Sales@blackbird-training.com)

 [www.blackbird-training.com](http://www.blackbird-training.com)

UK Training  
**PARTNER**

