Corporate
Coach Group

Training that transforms

Training Plan

Critical Thinking and Problem Solving Training

A Training Plan for Your Organisation

What is the purpose of the training?

The purpose of the training is to initiate a process of rapid improvement, by means of achieving a shared understanding of the correct knowledge and skills that we need to employ, if we are to achieve our stated goals.

Critical Thinking and Problem Solving Course Summary

Everyone in business who wants to solve problems and achieve goals, must learn to think logically, because error-free thinking, speaking and acting is the only way to achieve anything.

If you are in the business of solving problems and achieving goals, then you need to develop critical thinking skills to think, speak, write and act more logically.

Critical thinking empowers business leaders and managers to identify inconsistencies in any plan and to replace errors with coherent, logical thought and action.

You would benefit hugely from the information taught on this course.

Learning Outcomes for the Critical Thinking and Problem Solving Course

- Integrate the Critical, inductive, deductive and creative modes of thought
- Critically analyse any claim, argument, or idea
- Discover hidden falsehoods, fallacies or contradictions
- Draw valid conclusions from given facts
- Prove your case by means of logical deduction
- Develop your creative mind to solve problems in new ways
- Correctly apply previous knowledge to new situations

Customer Review

" On this course, I particularly liked the way principals were broken down in explanation and then built back up to give a better understanding. The section on conflict was extremely interesting, mainly to do with the language used. The trainer was very clear and precise.

Alex
Translate Bar

Critical Thinking and Problem Solving Training Course Overview

As you would expect, this course is itself very systematic and logical in its construction.

We start with definitions: What is critical thinking? What is logic? Why can we NOT succeed if we use irrational, emotionally driven thinking methods, in an attempt to solve real world problems?

We identify the most common errors of thinking that are committed by most people, most of the time, and we ask delegates to examine their own thinking and to assess how many common errors they are prone to. The purpose of this section is to bring to conscious awareness how common and embedded these errors of thinking are: Errors such as using "the majority opinion", or "gut feel guesses" as a guide to action.

Then we get into the positive, constructive portion of the course where we teach correct thinking methods, which themselves break into three types: Inductive logic, deductive logic, creative logic.

Inductive logic is seeing "patterns" buried in the facts and drawing from these patterns' valid conclusions or a general principle.

Deductive logic is the complementary style of thinking: It is the application of a general principles to a new set of facts: or it is the act of explaining a set of facts by reference to an already known principle

Creative logic is the use of the imagination to find new ways to combine old facts, to seek out new lines and new rationalisations, to boldly go where no mind has gone before!

The course concludes with an examination of how we combine these four factors, (error detection, inductive, deductive and creative logic), to form a system of thinking speaking writing and action that will maximise our chances of success.

Critical Thinking and Problem Solving Training Course Details

Morning Session

What is critical thinking?

Critical thinking is a systematic method to identify errors, inconsistencies, omissions and contradictions, in thinking, speaking, writing or action. The purpose of critical thinking is to rid ourselves of errors, and thus make it more likely we will succeed.

What is logic?

Logic is a more general term than critical thinking. Logic is constructive, in that it tells us more than how to spot an error. Logic tells us HOW to think correctly. Logic is defined as the "science of correct inference".

Why illogical methods fail

We will analyse the reasons why we are almost certain to fail if we use irrational, emotionally driven thinking methods, in an attempt to solve real world problems. We introduce concepts such as Cause and Effect, and Natural Law.

Cause and effect

Nothing is causeless. For every "effect" there is a set of "causal conditions". To understand why anything is the way it is, we must accept and universally apply the principle of cause and effect.

Natural law

The planets are governed by a set of universal NATURAL laws, which cannot be violated by anyone. If we want to succeed, we must use the natural laws to our advantage, and work with them.
"Nature, to be commanded, must be obeyed", Francis Bacon.

Common errors of thinking

There are a set of 7 common errors of thinking that are committed by most people, We will list them, and we ask delegates to assess how many common errors they are prone to.

Then we get into the positive, constructive portion of the course where we teach correct thinking methods, which themselves break into three types: Inductive, deductive and creative logic.

Afternoon Session

Inductive logic

Inductive logic is classical scientific thinking, which is based upon intensive observation of facts, and the identification of the hidden patterns buried within them. This is the thought process of the detective. We will show you Mills Methods of Induction, which will help you to "crack the case".

Deductive logic

Deductive logic is the complementary style of thinking: Deduction is the act of explaining a fact by reference to a known principle.

This style is best expressed as the three-line syllogistic argument:

1. All fires require heat, oxygen and fuel
2. We have had a fire here
3. We know the oxygen is in the atmosphere, so our task is to identify the possible source of heat, and what was the primary fuel that fed the fire?

Creative logic

Is the use of the imagination to find new ways to combine old facts, to seek out new lines and new rationalisations, to boldly go where no mind has gone before!

How to stimulate the creative imagination

Albert Einstein wrote, "Imagination is more important than knowledge. For knowledge is limited, whereas imagination embraces the entire world, stimulating progress, giving birth to evolution."

If it used properly, the imagination can be a tool for problem solving. We will show you how to harness the power of your imagination to transform it into a factory that creates a series of powerful ideas.

Combine four thinking styles

We have covered four forms of thinking:

1. Error detection
2. Inductive logic
3. Deductive logic
4. Creative logic

Each one of these tools is good to know on their own account. But each is limited, if used alone. The real power comes from combining all four methods to arrive at a system of thinking that will empower you to solve your problems.

Customer Review

" Great content and application. The course was inspirational and invaluable with useful tools to practically utilise back at work. The trainer's presentation was amazing, professional and informative with relevant examples.

Dawn Deaville
Ruby Girl Ltd

Training Costs / Investment

Bespoke In-House or Live-Online Course

£2,250 + VAT per training day, (8 – 16 delegates)
Plus, travel and hotel accommodation for trainer if needed (Premier Inn type)
International Price Varies

In-House training has been designed to provide a similar experience to our open courses, however we can tailor the content to fit your specific needs.

We are able to train in your timezone.

All our training includes:

- A full day of quality training, delivered by an experienced trainer
- Total of 6 CPD training hours (usually 9am - 4.30pm), plus an additional 2-3 via post-course online independent learning
- Full course training workbooks
- Training certificate
- Access to additional free training material after the course via our post-course portal
- 3 months free telephone coaching: Whilst you are implementing what you have learned, if you need to, you can contact us for support and guidance

We suggest the following plan of action:

Please send to us:

1. Any amendments or changes you wish to make to the programme.
2. Your thoughts.
3. The next step you would like us to take.

Thank you.

Corporate Coach Training Ltd
Walcot House
Parton Road
Churchdown
Gloucestershire
GL3 2JJ

Email: lindsey@corporatecoachgroup.com
Tel: +44 (0) 1452 856091

Customer Reviews

" The course content gave some great ideas and methods I will use regularly, for example the box method for conflict management and methods for prioritizing. The trainer was charismatic, engaging and knowledgeable.

Ian Osborne
ABC Selfstore

" Really useful and practical, drawing on plenty of real-world examples. Provided plenty of guidance for dealing with a range of situations. Useful to hear of examples from other industrial sectors. Will prove very useful for organising my time and priorities. Trainer was very clear and had a good pace. Never felt rushed or too slow. One of the best courses I've been on.

David Killick
Eurofins Professional Scientific Services

" The course contained good, useful content. Simple to follow and understand. Easily adaptable to most professional situations. The trainer's presentation was very professional. Impressively enthusiastic throughout.

Laura Van Wyk
Neptune

" The course content was really inspiring. To learn about the effect of how you use language will be invaluable, getting the most from myself and my team. The trainer was excellent in the delivery of the course. He has a friendly nature and was clear and extremely insightful in all aspects of the course.

David Capper
International Greetings (UK) Ltd