



@ASK Training
Attitude | Skills | Knowledge

Critical Thinking for Effective Problem Solving

Course Code:
ASKCTH

Course Duration:
1 day (8 hours), 9.00am - 5.00pm

Course Fee:
\$750 (\$817.50 Inc. 9% GST) per participant

Course Venue:
Hotel

Course Dates:
<https://asktraining.com.sg/course-schedule/>



Course Synopsis

This course equips professionals with essential critical thinking skills to navigate complex workplace decisions. Designed for working adults across sectors, the course introduces structured reasoning frameworks such as Paul & Elder's Elements of Thought, Whole Brain Thinking, and argumentation models to enhance decision-making, problem-solving, and communication.

Participants will learn to distinguish between critical and non-critical thinking, identify personal thinking styles, and apply analytical and creative tools to workplace scenarios.

Through interactive exercises, mini case studies, and guided practice, you will develop the ability to evaluate assumptions, analyse arguments, and present persuasive recommendations.

By the end of the course, you should be able to apply critical thinking techniques to improve workplace effectiveness, collaboration, and innovation, without requiring prior technical or philosophical training.

Course Objectives

By the end of the course, you would be able to:

- Define critical and non-critical thinking to distinguish reflective decision-making from habitual responses.
- Recognise personal critical thinking styles including analytical, creative, and wholebrain approaches.
- Use critical thinking processes to build and analyse arguments based on sound reasoning and evidence.
- Prepare and present persuasive arguments to improve problem-solving and workplace communication.

Course Outline

Learning Unit 1 – Introduction to Critical Thinking

- Critical Thinking Defined
- Non-Critical Thinking Defined
- Why Critical Thinking is Essential in Modern Workplaces
- Paul & Elder’s Elements of Thought

Learning Unit 2 – Knowing Your Thinking Style

- Why Thinking Styles Matter
- Left Brain (Analytical Thinking)
- Right Brain (Creative Thinking)
- Whole Brain Thinking (Herrmann, 1996)
- Why This Matters in Workplaces

Learning Unit 3 – The Critical Thinking Process

- Why a Process Matters
- The Critical Thinking Process (Step-by-Step)
- Intellectual Standards of Critical Thinking

Learning Unit 4 – Analytical & Creative Thinking

- Analytical Thinking
- Creative Thinking
- Why Both Are Needed

Learning Unit 5 – Developing & Presenting Arguments

- Why Argumentation Matters
- Common Logical Fallacies to Avoid
- Presenting Arguments Effectively in Workplace Settings

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