

# Creative Thinking and Innovation Techniques

## Why Attend

- Creativity is recognized as a key success driver for organizations and individuals. While some consider creativity an innate talent that one may or may not have, the modern prevalent thinking is that it is a skill which, given the right nurturing environment, can be developed and harnessed by anyone in any organization.
- In this course we examine the conditions necessary to build such an environment. Through the use of examples from the worlds of business, art and science and with the practical application of tools such as brainstorming, mind mapping and others, we give participants the instruments they need to transform their life, their environment and their workplace.

## Course Methodology

- This course uses a mix of interactive techniques which, in addition to brief presentations by the consultant, include self awareness tests, exercises using newly learned creative techniques, games, lateral thinking exercises and puzzles, case studies, and video clips with extensive debriefs.

## Course Objectives

By the end of the course, participants will be able to:

- Assess their potential for creativity and innovation
- Apply creative thinking skills and methods in work related or personal situations
- Practice thinking in non-conventional ways by thinking out of the box, using mind mapping, picture associations and other methods
- Employ a variety of creative thinking strategies in the workplace
- Create a pleasant work environment conducive to creativity for self and others

## Target Audience

- Supervisors, managers, team and project leaders, and all individuals who need to adopt a more creative approach in life or at work, whether to solve problems, come up with new initiatives, initiate and introduce changes, or deal with personal or organizational issues in non-conventional ways. The course will also benefit anyone interested in recognizing and developing their own or a group's creative potential.

## Target Competencies

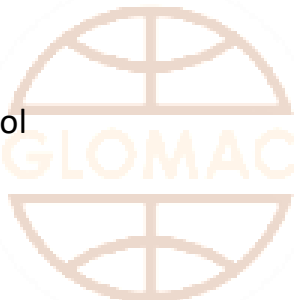
- Creativity
- Flexibility
- Freedom from prejudice
- Persistence
- Versatility
- Problem and situation analysis

### Definition of creativity

- Introduction: creativity and civilization
- Defining invention, innovation and creativity
- Intelligence versus creativity
- Some theories of creativity
- Creative people in action
- Understanding the 2 hemispheres of the brain
- Right and left
- Lateral thinking
- Lateral thinking in action
- Applications of lateral thinking

### Creativity as a business tool

- The creative thinker
- Constraints in the workplace
- The creative manager
- Three parts of creativity
- Motivation
- Domain expertise
- Creative ability
- Innovation and organizational culture
- The creative attitude
- The creative methods
- Ways of overcoming barriers
- Tips for the workplace:
- Developing a culture of creativity
- Exploring problem areas
- Generating ideas
- Evaluating ideas
- Critical thinking



### Exploring the idea generation process

- The Brainstorming Technique
- The six thinking hats
- De Bono's four thinking styles

## Creative thinking strategies

- Creativity tools
- Scamper technique
- Synectics technique
- Picture associations and biotechniques
- Mind mapping
- TRIZ
- Decision making
- Anatomy of a problem
- Barriers to decision making
- Steps in creative problem solving

## The power of opposite thinking

- Creative rule of thumb: the interplay of opposites
- Asking 'what if'
- Using opposite thinking

