

CREATIVE PROBLEM SOLVING

Career Development



ON-SITE LEARNING WORKSHOP



**VIRTUAL LEARNING
SCALABLE TOPIC DELIVERY**

Choose on-site learning workshop or customize your virtual learning session.



TOPIC OBJECTIVES AND TIMING

10	To understand what constitutes a problem and other situations that lend themselves to the creative problem solving process
10	To define creative problem solving
15	To introduce the six-step creative problem solving process
15	To understand different types of information
10	To identify questions used to help gather information about a problem
15	To understand different methods of gathering information
15	To understand the first step in the creative problem solving process: defining the problem
10	To learn about the problem definition tool of determining where the problem originated.
25	To learn about the problem definition tool of defining the present state and the desired state.
	To learn about the problem definition tool of stating and restating the problem.
	To learn about the problem definition tool of analyzing the problem.
10	To understand the purpose and process for writing a problem statement
10	To identify categories of mental blocks that inhibit successful brainstorming
10	To learn some techniques for breaking down mental blocks to problem solving
15	To learn ways to stimulate creativity
10	To understand some basic rules to encourage a productive brainstorming session and the basic brainstorming method (free-association)
10	To understand two methods of generating ideas for solutions: brainwriting and mind-mapping
15	To understand Duncker diagrams as a tool for generating solutions
10	To understand the Morphological Matrix as a tool for generating solutions
10	To understand the six thinking hats as a tool for productive collaborative thinking sessions
10	To understand the power and challenges of quick, unconscious decisions
10	To understand the types of criteria to consider when evaluating solutions
10	To learn how to analyze wants and needs for a potential solution to a problem and to compare the ratings between several potential solutions.
10	To understand cost-benefit analysis
10	To understand performing a final analysis of remaining solutions
15	To understand the paired comparison analysis as a tool for selecting a solution
10	To understand analyzing potential problems that may develop as a result of selecting a particular solution
10	To understand the step of identifying tasks in order to implement a selected solution
10	To understand the resources necessary to implement the solution
10	To understand implementing the solution and evaluating and adapting as the project progresses
10	To understand how to prepare for a problem solution implementation follow up meeting
10	To understand the important of having a celebration at the end of the project.
10	To understand how to identify lessons learned throughout the creative problem solving process