

Innovative Thinking and Problem Solving

創新思維法與解難技巧

MEDIUM : English / Cantonese COURSE CODE : ITPS

Organizations and individuals encounter problems everyday. Often these problems can be complicated by our unwise decisions, emotional reactions or panicky actions. To be able to do the right thing at the right time to these problems is crucial to an organization's long term survival.

Objectives

At the completion of the course, participants will be able to:

1. Adopt a fundamental 4-step process to solving problems
2. Identify barriers to innovation
3. Generate creative ideas
4. Turn ideas into actions
5. Screen and sell screened ideas to management

It is expected that, by applying the tools and techniques in the program, participants can adopt a strategic yet innovative approach to problem solving, thereby improving their overall productivity in the workplace.

Methodology

Games, Discussions, interactive mini-lectures, simulation exercises

Course Outline

1. Recognising and assessing a problem

- identifying a problem
- Assessing the short term and long term implications
- When is a problem worth solving ?
- Overview of a problem solving strategy

2. Innovative approach to problem solving

- Advantage and challenges of innovation
- Roadblocks to innovation
- Three (3) principles to overcome innovative roadblocks

3. Innovative thinking tools and techniques

- Mapping your ideas
- Brainstorming and reverse brainstorming
- SCAMPER
- Simple random word

4. Screening, selling and action-planning

- Not all innovative ideas are practicable and 'sellable'
- Using Quadrant Diagram to screen ideas
- Examining an idea in six (6) different dimensions
- Turning ideas into action plan
- Selling an idea upwards