

Course Overview:

This course will make the ability for Engineers and Technicians to understand the innovative skills and attributes, identify obstacles to decision making processes and identify thinking skills and verbal behaviors that promote and hinder decision making. At the end, it will be easier to define the role and key actions of the Engineer and Technician.

Course Objective:

- Assess their potential for creativity and innovation
- Identify obstacles to decision making processes
- Identify thinking skills and verbal behaviors that promote and hinder decision making
- Identify and apply the tools used in the decision making processes
- Define the role and key actions of the Engineer and Technician

Course Outline:

- Defining invention, innovation and creativity
- Intelligence versus creativity
- Some theories of creativity
- Creative people in action
- Knowledge, Skills & Competencies
- Analyzing Decision Making
- Types of Decision Making
- Reaching a Decision
- The creative thinker
- Constraints in the workplace
- The creative Engineer
- Three parts of creativity Motivation Domain expertise Creative ability
- Assessing the Validity of Ideas
- Gathering Information
- Minimizing Risks
- Innovation and organizational culture
- The creative attitude

Who Should Attend:

- Engineers and Technicians responsible for the continuous leadership development of others and building high performance organizations
- Team leaders and coaches who are called to inspire and motivate their workers each day to accept new responsibility

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation