

# MANAGING COMPLEX PROJECTS

## COURSE OBJECTIVE

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The objective of this module is to enable you to deal with the growing need of managing complex projects. We will get to the bottom of the necessary involvement that is needed on crisis management and problematic projects.

## LEARN TO

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In this course, the attendees will learn

- Define and identify complex projects;
- Systems and complexiy;
- Managing different concerns;
- Priorization of different needs;
- Necessary leadership needs in complex projects;
- Decrease risks in complex projects;
- Interpret and analyze project risks at the executive level;
- Planning and controlling complex projects;
- Understanding the Chaos Theory.
- Managing problematic projects.

## COURSE INFORMATION

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- **Language:** English, Portuguese (Br) and Spanish
- **Public:** On-site and in company classes.
- **Duration:** 16hours.
- **PDU's:** 16.



## METHODOLOGY

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Macrosolutions / Ricardo Vargas use the state-of-the-art in the training process, including

- Explanatory classes utilizing audio-visual resources.
- Use of films and video clips as an educational resource
- Demonstrations and computer simulations
- Workgroups activities focused in problem-solving
- Scenario-based simulations using real cases to be further discussed in groups

## COURSE CONTENT

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### Course opening

- The 5 executing stages on complex projects

### Systems and complexity

- The elements of a system
- Balance and lack of balance in a system
- Atratores
- Non linear dynamics
- Self-organization

### Complex Projects

- Definition of complex projects
- Validating "Hard" and "Soft" benefits
- Managing multiple concerns from the stakeholders
- Setting the priorities (Relationship Matrix)

### The characteristics of management in complex projects

- Vital leadership abilities to manage complex projects
- The Communication processes in complex projects
- Communication platform
- Reducing risks in complex projects
- Interpreting and analyzing project risks at the executive level

### Planning and controlling complex projects

- The 5 planning stages on complex projects

### Problematic projects and Crisis Management

- Complexity and problems have something in common
- Continuous sequence of problematic projects
- The perceptions about problematic projects
- How to identify a problematic project
- Vital Signs Model
- Problematic Projects Evaluation Model
- Restricting factors to recovery
- Premature project closure
- Decision making process
- Developing a recovery plan
- The 4 classical recovery options
- Critical factors to recover a project

### Discussion – Managing complex and problematic projects

- Cases
- Table participants
- Discussion
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### Course Close-out

## MORE INFORMATION

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