

PROJECT PORTFOLIO MANAGEMENT



COURSE OBJECTIVE

The objective of this module is to teach you project portfolio management, one of the most important and up-to-date tool to assure that the projects are aligned with the strategic objectives of the corporation.

[THE PARTICIPANTS WILL LEARN

- The context of project portfolio management.
- Project and portfolio metrics and performance indicators.
- Balanced Scorecard in projects.
- PMI Standard for Portfolio Management.
- Project selection for the portfolio.
- How to use the risk management tools on a portfolio.
- Implementing the portfolio management process.

METHODOLOGY

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

[COURSE OPENING

[THE CONTEXT OF PORTFOLIO MANAGEMENT

- The definition of portfolio management
- Portfolio objectives
- The benefits of having a portfolio focus
- The context of portfolio management in the project management
- The differences between portfolio management and the traditional management
- Portfolio management is not multiple project management
- Portfolio management and the PMO

[PROJECT PORTFOLIO METRICS AND PERFORMANCE INDICATORS

- The desired portfolio profile
- Associating the return of investment with the management costs
- The project categories and their alignment to the strategic objectives of the corporation.
- The most important metrics in the portfolio (Balanced Scorecard)

BALANCED SCORECARD IN THE PORTFOLIO MANAGEMENT

- BSC and the performance evaluation of the portfolio
- Ibbs Study - Berkerley connecting reliability with maturity and the application of a Project Maturity Model
- (OPM3) in projects
- Balanced Scorecard for the portfolio.
- Different BSC's that can be applied to projects.

PROJECT SELECTION IN PORTFOLIOS

- The main project selection criteria and the development of project portfolios.
- Qualitative criteria and the selection of projects for the portfolio.
- Quantitative criteria and the selection of projects for the portfolio.
- Portfolio project prioritization techniques

RISK ASSESSMENT IN PORTFOLIOS

- Risk management tools used to select projects and assess the performance of the portfolio.
- The use of decision trees to determine the project with the best return for the portfolio.
- Using Monte Carlo simulation to verify the compliance of the portfolio budget
- Comparing different portfolios using simulation technique

IMPLEMENTING A PROJECT PORTFOLIO

- Implementation phases
- Converting projects to be part of a portfolio
- Risks associated with implementing a project portfolio

COURSE CLOSE-OUT

FURTHER INFORMATION

For further information about this course, please contact:

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