Feasibility Studies: Preparation, Analysis and Evaluation

Why Attend
The overall aim of this course is to provide participants with competencies required to prepare, analyze and evaluate feasibility studies. The course involves building a feasibility study financial model using hands-on training on Microsoft Excel. The course also aims at enabling participants to appraise service and industrial investments using different capital budgeting techniques as well as analyzing the related financial parameters.

Course Methodology
The course uses a mix of interactive techniques, such as brief presentations by the consultant and the participants, group exercises and case studies. The course also includes building a feasibility study model using Microsoft Excel software.

Course Objectives
By the end of the course, participants will be able to:

- Define feasibility study and compare it to business plan
- Identify the crucial elements in the feasibility study
- Build the feasibility study financial model using Microsoft Excel
- Apply different investment appraisal methods and analyze financial parameters
- Analyze the feasibility study and find its merits and shortcomings

Target Audience
Project sponsors, senior management, functional managers, project managers and individuals involved in preparing, writing and analyzing feasibility studies. This course is worth 30 PDUs.

Target Competencies
- Planning
- Analyzing data
- Evaluating options
- Thinking proactively
- Managing scenarios
- Cognitive ability

Associations

Project Management Institute (PMI)®: Meirc is designated as a Registered Educational Provider (R.E.P.) with the Project Management Institute (PMI)®. As a result, Meirc is authorized to issue Category Three Professional Development Units (PDU) that can be used for the authorization to take the Project Management Professional (PMP)® certification exam and for maintaining the PMP credentials.
**Location & Date**

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<tr>
<th>Date</th>
<th>City</th>
<th>Venue</th>
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<tbody>
<tr>
<td>15 Oct - 19 Oct, 2017</td>
<td>Dubai</td>
<td>Sofitel Downtown Dubai</td>
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<tr>
<td>24 Dec - 28 Dec, 2017</td>
<td>Dubai</td>
<td>English, Sofitel Downtown Dubai</td>
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<tr>
<td>29 Apr - 3 May, 2018</td>
<td>Dubai</td>
<td>English</td>
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<tr>
<td>5 Aug - 9 Aug, 2018</td>
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<td>English</td>
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<tr>
<td>28 Oct - 1 Nov, 2018</td>
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Meirc reserves the right to alter dates, content, venue and trainer.

**Fees: US$**

<table>
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<tr>
<th>Per participant</th>
<th>US$ 4,600</th>
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<td>(including coffee breaks and a buffet lunch daily)</td>
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**2+1 Offer**

For companies that want to maximize the return on their investment in training. Register 3 participants on the same course and dates and pay only for 2.

**Course Outline**

- **Introduction and definitions**
  - Feasibility study definitions
  - Feasibility study objectives
  - Feasibility study versus business plan
  - Feasibility study cycle
  - Feasibility study preparation steps

- **Feasibility study elements**
  - Feasibility study report elements
  - Executive summary
  - Feasibility study outline
  - Market feasibility
    - Market research and analysis
    - Market research data types
    - Sales projections analysis
  - Technical feasibility
    - Critical technical questions
    - Supply feasibility
• Operational feasibility
• Financial feasibility
  • Project costs
  • Indirect costs
  • Ongoing costs
• Feasibility study financial model using Microsoft Excel
  • Building the feasibility study financial model
  • Weighted Average Cost of Capital (WACC)
  • Cost of equity using the Capital Asset Pricing Model (CAPM)
  • Unlevered Free Cash Flow (UFCF)
  • Terminal value of the project
  • Preparing sensitivity tables
  • Creating different scenario analysis
• Feasibility study appraisal and analysis
  • Financial analysis parameters
    • Liquidity ratios
    • Operating ratios
    • Financial leverage ratios
    • Security ratios
    • Profitability ratios
  • Investment appraisal analysis
    • Quantity and sales Breakeven Points (BEP)
    • Payback Period (PP)
    • Net Present Value (NPV)
    • Internal Rate of Return (IRR)
    • Profitability Index (PI)
• Feasibility study evaluation and implementation
  • Internal recommendations and conclusions
  • Evaluating feasibility studies
  • Common mistakes in using the feasibility study results
  • Implementing the proposals