أكاديمية الزمالة
العربية البريطانية

Arab British Academy Fellowship
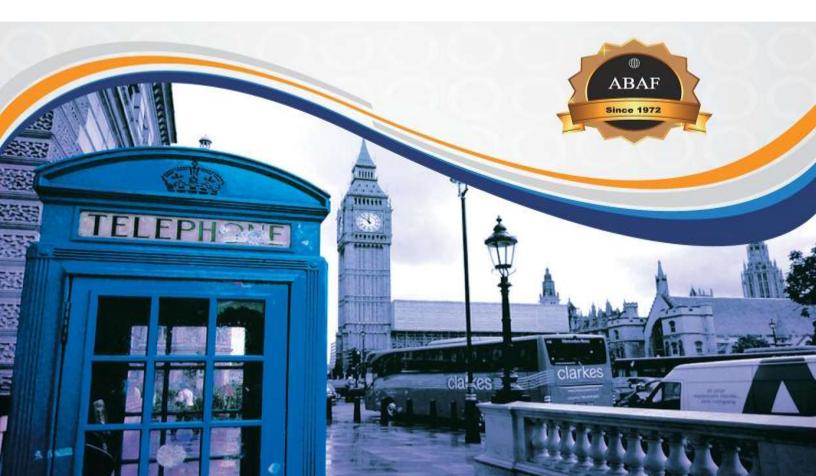
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Since 1972

أكاديمية الزمالة العربية البريطانية

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A.B.A.F

Certificate in Advanced Project Management

Why Attend

The overall aim of this course is to provide participants with the knowledge and skills needed to perform in-depth analysis for a project during the planning and the implementation phases. Participants in this interactive course will learn all the critical tools and techniques required to make decisions to optimize the successful execution of a project in a dynamic environment.

Course Methodology

This course relies on the use of individual and group exercises aimed at helping participants learn all key project management activities. The course also relies on the use of a number of case studies and presentations by participants, followed by discussions. In addition, this course incorporates pre and post testing.

Course Objectives

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

- Define project management frameworks, processes and tools in compliance with the Project Management Institute (PMI) standards
- Apply different techniques that will assist in the project selection process
- Construct project diagrams, schedules and plans and use different techniques to perform an in-depth analysis on project schedules and plans
- Identify different methods for cost estimating and project budgeting
- Manage time and cost deviations through applying 'earned value analysis'

- Employ risk management plans and apply risk response strategies to ensure successful implementation of the project
- Develop program management plans in compliance with PMI standards

Target Audience

Personnel who are seeking in-depth knowledge of creating and managing project plans. The course is also

designed to provide comprehensive time, cost and risk analysis as well as several techniques used to regain

control over projects. Meirc is assigned as a Registered Educational Provider (REP) with the Project

Management Institute (PMI®). This course is worth 30 Professional Development Units (PDUs).

Target Competencies

- Project management
- Performing project scheduling
- Developing project plans
- Managing project budget
- Developing project controls
- Risk management

- Overview of project management

- Defining project management terminologies
- Project management benefits
- Triple constraints
- Project life cycle
- Project stakeholders
- Effect of organizational structure

- Project selection

- Project selection models
- Benefit cost ratio
- Average Rate of Return (ARR)
- Payback period

- Net Present Value (NPV)
- Internal Rate of Return (IRR)
- Decision trees

- Project planning and scheduling

- Project charter
- Project scope statement
- Building work breakdown structure
- Duration estimation
- Program Evaluation and Review Technique (PERT)
- Relationships between activities
- Network diagram
- Critical Path Method (CPM)
- Manipulating logic
- Resource allocation
- Resource leveling
- Duration acceleration

- Project budgeting

- Cost estimating techniques
- Cost baseline
- Project budget
- Slack management
- Compression by crashing

- Project control

- Variance analysis
- Dashboards and scorecards
- Key performance indicators
- Earned value
- Managing deviations

- Project risk management

- Project risk identification
- Qualitative risk analysis
- Quantitative risk analysis
- Project risk response planning
- Contingency and management reserves

- Program management

- Program life cycle
- Developing program work breakdown structure
- Developing program schedule

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