International Academic Institute, EU

In co-operation with

UMC Research, UAE

SIX Sigma Black Belt

Project Management

Introduction

We provide Advanced and Unique Program in which we train our participants to Plan and implement Six Sigma Specifications during planning and Execution phase of the project for Bringing out Excellence and enhancing the success for their projects.
The topics Covered include Behavioral **Controlling Techniques** for Forecasting Duration of the project, Budgeting, Task Management, Critical Processes, Resources, Time Lines and achieving Quality according to specifications with minimum defects and deviations.

Objectives

1. Enable Participants to define specifications (specific limits to measure) for the Entire Project
2. Project and TASK's Time Calculation and Forecasting including Deviation and Capabilities
3. Enable Participants to develop Execution Plan to Control Time Lines, Budgeting and ensuring Quality
4. Enable Participants to Understand Charts and make proper decision.
5. Matching best Actors to Perform Tasks/Functions efficiently and effectively
6. Enable Participants to measure and assess variations in Human Factors/behavior working on the Project.

Who can attend?

- Engineers Handling Complex Projects, Project Managers
- Project Consultants, Decision Makers, Stake holders in Projects
- IT/Civil/Mech./Elec./Chem. Engineers
- Business Developers, Strategic Planners, Quality Specialists
- HR Specialists and project account Managers

Day 1 : Basic Principles

- Project Management Principles
- Defining Project Scope
- Project Outcome
- Defining Project Chart
- Total Quality Management TQM
- CBA for Projects
- SWOT Analyses versus Strategic Projects
- Defining Projects and link them to Measurable Objectives

Case Study: SWOT Analysis in Defining Projects

Day 2: SIX SIGMA SPECIFICATIONS

- Introduction to Six Sigma
- Defining SIX SIGMA Specification for the Project
- Determining Durations for Tasks and Activities.
- Calculating Timeline Variations And Tasks Accuracy
- Calculating Task / Activities Capabilities

Case Study: Determining Six Sigma Specifications for a construction Project

Days 3: SIX SIGMA LIFECYCLE

- Applying Six Sigma Life Cycle in Project Management (DMAIC)
- Define phase: Defining the Project Scope and Determine Project Specifications according to SIX SIGMA Techniques.
- Measure Phase: Define measuring procedures and techniques

Case Study: Applying Measurements Techniques for a construction Project

Day 4: Analyze Phase

Analyzing and diagnosing Tasks / Activities and All available Resource in Terms of Achievements, Capabilities, Accuracy, Performance, Knowledge Gap, Defects, Efficiency and Effectiveness

Case Study: Using Special Tool to Diagnose and Benchmark for Processes and Resources

Day 5: Improvement & Control

- Capturing Weaknesses in Project Tasks / Activities and Resources
- Elaborate & Eliminates Defects and Treat Weaknesses
- Monitoring and Controlling Performance for each Task / Activity and Resource
- Monitoring and Controlling Tracks and determining behaviors
- Optimum Routes for performing the Project.

Exam: Project Performance

CERTIFICATIONS

Participants will receive Attendance Certification after completion of the course attested by the Government of Dubai.

***** We have special offer for our participants to acquire European Certification from our Head office in The Netherlands.** (Conditions apply.)

After completion of this course the participants will be able to move to the next level of their career within their organization or secure their existing as well as increasing chances to get hired by lucrative companies as the companies will see you as a value addition to their Work Teams.

Please call for a free consultation

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