Mastering the Delivery of Engineering Projects

Engineering Project Management

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08 - 12 Jul 2019, London
20 - 24 Oct 2019, Dubai
08 - 12 Dec 2019, Dubai
Engineering Project Management
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This training course is registered with the Project Management Institute (PMI)® R.E.P. Program*

WHY CHOOSE THIS TRAINING COURSE?

Effective project management is an essential process in the successful delivery of any project. However, in Engineering Projects this is even more critical, as Engineering Projects are typically larger, and more complex than most other types of project. The consequences of a failed Engineering Project can be severe, ranging from health and impacts, to environmental damage and extreme financial penalties.

It is therefore of vital importance that Engineering Projects are managed as effectively and efficiently as possible. Without this, most Engineering Projects will, at best, suffer from delays and cost over-runs but, at worst, may result in human fatalities, environmental damage, and severe financial loss.

This AZTech training course is designed to coach Project Managers and Project Team Leaders in the fundamentals of Engineering Project Management, with the aim of providing them with the knowledge and skills to successfully deliver Engineering Projects of any size or complexity.

The training course will feature:

- Understanding the fundamentals of Engineering Project Management
- Key Project Management skills needed to maximise project performance
- Planning, organising, implementing, and controlling Engineering Projects
- Managing Engineering Project risks
- Engineering Project scheduling and progress measurement techniques

WHAT ARE THE GOALS?

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

- Apply a professional, systematic approach to managing Engineering Projects
- Define project scope, establish realistic objectives, and accurately specify project deliverables
- Produce realistic project plans and identify the schedule critical path.
- Effectively manage project risks
- Establish essential project control methods and procedures
- Understand how to apply proven project estimating and progress measurement techniques

WHO IS THIS TRAINING COURSE FOR?

The training course is tailored for all personnel who are exposed to, involved in, or responsible for, the successful delivery of Engineering Projects of all sizes and complexity levels.

This course is suitable to a wide range of professionals but will greatly benefit:

- Project Directors
- Asset Managers
- Project Managers
- Project Planners
- Cost Estimators
- Quality Assurance Managers
- Contract Managers
- Procurement Managers
- Project Engineers
- Discipline Engineers
- Technical Assistants

Understand the fundamentals of Engineering Project Management

HOW WILL THIS TRAINING COURSE BE PRESENTED?

This training course will utilise a variety of proven adult learning techniques to ensure maximum understanding and retention of the information presented. This includes holding group discussions and exercises that will enable delegates to share their own experiences and apply the course concepts.

Hands-on exercises and case studies will provide an opportunity to practice the use of the models, techniques and competencies covered. Personal assessment, reflection and action planning will ensure that delegates know how to put what they have learned into practice.
Day One: Engineering Project Fundamentals

- Understanding Key Project Terms & Definitions
- The Engineering Project Life-Cycle
- Engineering Project Complexity Factors
- Key Financial Concepts
- Understanding Project Environment & Context
- Defining Engineering Project Scope

Day Two: Engineering Project Planning & Organising

- Identifying Objectives & Prioritising Goals
- Engineering Project Planning Methods
- Developing Work & Cost Breakdown Structures
- Project Management Roles & Responsibilities
- Project Estimating Techniques
- Project Scheduling Methods

Day Three: Implementing & Controlling Engineering Projects

- Project Resource Management
- Developing Project Control Systems
- Engineering Document Reviews & Control
- Applying Formal Management of Change
- The Project Risk Management Process
- Project Monitoring & Reporting Methods

Day Four: Performance & Progress Measurement

- Measuring Projects for Success
- Project Management Success Factors
- Financial Performance Measurement
- Key Performance Indicators
- Measuring Progress at Deliverable Level
- Predictive Project Forecasting

Day Five: Engineering Project Leadership

- Project Interface Management
- Team Building & The Team Development Cycle
- Managing Stakeholder Expectations
- Running Effective Project Meetings
- Improving Communication, Delegation, and Motivation Skills
- Successfully Closing Engineering Projects

THE COURSE CONTENT

THE COURSE SCHEDULE:

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THE CERTIFICATE

AZTech Certificate of Completion for delegates who attend and complete the course.

PROFESSIONAL RECOGNITION & ACCREDITATION:

AZTech as an R.E.P, has been approved by PMI to issue applicable Professional Development Units (PDUs) for its Project Management training courses. PMI allows credential holders to apply PDUs to the maintenance of their credentials where one contact hour of training is equivalent to one PDU.

The PMI Registered Education Provider logo and PMI are registered marks of the Project Management Institute, Inc.

Engineering Project Management
HOTEL ACCOMMODATION

Hotel accommodation is not included in the Registration Fee. A reduced corporate rate and a limited number of rooms are available for attendees wishing to stay at the hotel venue. Please make your request for accommodation at least 3 weeks prior to the commencement of the course.

CANCELLATION & SUBSTITUTION

You must notify the Registrar of cancellations at least 2 weeks before a scheduled seminar in order to be eligible for a credit. If you cannot attend, you may send a replacement from your organisation at no charge. There is a $250 handling charge for all cancellations or rescheduling. We reserve the right to cancel a seminar due to low enrollment. All registrants will be notified in advance and a full refund will be provided upon request.

EVENT DISCLAIMER

We reserve the right to cancel or postpone a seminar or related event, change venue, substitution of the Instructor and alter the course content at our sole discretion. If this occurs, our responsibility is limited to a refund of any registration fee(s) already paid. We are not responsible for airline tickets, hotels costs, other tickets or payments, or any similar fee penalties or related or unrelated losses, costs and/ or expenses registrant may incur or have incurred as a result of any trip cancellations or changes.

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MODE OF PAYMENT

☐ PLEASE INVOICE MY COMPANY
☐ PLEASE INVOICE ME
☐ PLEASE FIND ENCLOSED A CHEQUE PAYABLE TO AZTECH
☐ ONLINE / CREDIT CARD

CERTIFICATION

AZTech Certificate of Completion for delegates who attend and complete the training course

The applicable PMI Professional Development Units/Contact Hours will be reflected in the Certificate of Completion

DOWNLOAD TRAINING PLAN 2019

Scan this code with your smart phone to download Training Plan 2019

Our training portfolio will provide you a number of seminars and courses to choose from depending on your organisational goals and personal development objectives.