

COURSE SNAPSHOT

INTRODUCTION TO CRITICAL PATH ANALYSIS (CPA)

DURATION 1 day

PREREQUISITES None

COURSE OVERVIEW

This course provides participants with the skills and knowledge to competently apply the principles of Critical Path Analysis in the context of Shutdown, Maintenance and Project scheduling.

Participants will use exercises to manipulate activities to achieve.

WHO SHOULD ATTEND

This course is designed for Managers, Maintenance Planners, Supervisors, Team Leaders and Production Personnel who develop and implement the maintenance plan and/or manage the work management and control processes.

PREREQUISITES

Recommended but not a prerequisite:

- Maintenance Planning & Scheduling Fundamentals.

YOUR OPTIONS

This course can be delivered at a client's site, and practical activities can be customised to reflect the client's own electrical equipment.

Please contact us for information and pricing on this option.

COURSE OUTLINE

Critical Path Definitions

- Definitions
- Principles

Gantt Charts

- Application in Project Scheduling
- Strengths and limitations

Critical Path Method

- CPM
- PERT - Activity on Line method
- PERT - Activity on Node method

Estimating Activity Time

- Determining project duration
- Estimating activity time
- Assessing duration risk
- Estimating activity variance and standard deviation

Project Crashing

- Compressing project durations
- Cost-benefit analysis

LED BY EXPERTS

Creating whole-of-life equipment strategies through to detailed maintenance plans, you can have line-of-sight of your total cost of ownership.

Asset Integrity	Materials & Inventory
Operational Readiness	Strategic Advisory
Specialist Asset Management Training	Maintenance & Reliability Engineering
Shutdowns & Turnarounds	Data Science & Master Data

For further information on your education and training options, or for possible corporate or volume discount offers, please contact us.



RTO No. 31299

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