



DEVELOPMENT INSTITUTE FOR SCIENCE CENTER

معهد التطوير للعلوم  
مركز الأبحاث والتطوير

# CPE

## Certified Planning Engineer

### WHO SHOULD ATTEND?

Engineers and Executives  
Lawyers, CPAs, Engineers  
Managers  
Professional Consultants

### Certification Issued By

هيئة المعرفة والتنمية البشرية  
KNOWLEDGE & HUMAN DEVELOPMENT AUTHORITY

KHDA UAE Ministry  
Government



## Course Overview

The intention of this designation is to recognize the analysts and professionals who meet a demanding requirements of planning and scheduling assets of experience, education, skill, knowledge and ethical qualifications. The CPE™ requirement is to established to recognize today's advanced planning & engineering professionals in the industry and to fairly measure their education, skill, experience and management practices.

## Course Outline

- Understand Input, Tools and Techniques, and Output for each phase
- Comprehend different types of scheduling charts (Gantt, Milestone, Networking)
- Know different techniques of networking (ADM, PDM, and PERT)
- Master critical path and technology to do it.
- Know how to facilitate recovery through techniques such as crashing, fast tracking, managing slack and overtime.
- Understand how to calculate the Programmed Evaluation & Review Technique (PERT)
- Know how to calculate of the Schedule Performance Index (SPI)
- Tasks (FS, FF, SS, SF and lag)
- Learn about float is and how to determine.
- Calculate Early Start, Early Finish, Late Start, and Late Finish.

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