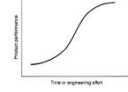




PROJECT CONTROLS 101 FUNDAMENTALS TRAINING



The Houston Gulf Coast Section of AACE will offer a 4-week Training Course beginning Thursday night, April 6, 2017 at One Westchase Center, 10777 Westheimer (first floor training room), Houston 77042. HGCS appreciates Turner & Townsend Inc. providing the venue for our training this year.

Each class will last approximately 2 hours, starting at 6:00pm and end at 8:00pm – April 6, 13, 20, and 27 (snacks and soft drinks will be provided).

Our primary goal for the course is to provide an opportunity for project controls professionals to improve their skills and knowledge through training, study and sharing with their peers.

This training is open to AACE members and non-members who have a genuine interest in improving their knowledge and skills in project controls. The target audience is a professional with 10 years or less of project controls experience – or someone who wants to refresh their basic knowledge of the fundamentals.

The content of the course will follow “Skills & Knowledge of Cost Engineering” as published by AACE International.

Registration will be limited to the first 45 people who register and pay. We are limited to 45 people maximum, due to space and logistics management.

The classes will be taught by several individuals who are members of AACE and directors on the HGCS Board, with many years of project controls experience.

The study course will cost a one-time fee of \$75 to cover all refreshments and handouts from each session, payable via PayPal on the HGCS website. www.aacei-hgcs.org

One-time fee for 4 night of training - \$75.00

It will cover the following areas of project controls: estimating, planning and scheduling, risk management, and cost management. The sessions have been tentatively scheduled as follows:

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| April 6 | Estimating (presenter: Ernesto Munoz) |
| April 13 | Risk (presenter: James Arrow) |
| April 20 | Cost (presenter: Carole Venters) |
| April 28 | Planning and Scheduling (presenter: Julianne Richards) |

Syllabus:

Estimating

- What is Cost Estimating and Why have a Cost Estimate?
- Elements of Cost and Pricing
- Estimate Classifications
- Estimating Terminology
- Productivity Adjustments

Risk

- Benefits, Definitions and Risk Process Steps
- Risk Identification and Qualitative Assessment
- Schedule Risk Analysis (Quantitative Assessment)
- Cost Risk Analysis (Quantitative Assessment)
- Risk Communication

Cost

- Cost Control vs Financial Control
- Work Breakdown Structures and Cost Breakdown Structures
- Understanding Terminology
- Cost Management Techniques
 - Interfaces with Planning/Scheduling, Risk, and Estimating
 - Contingency Drawdown Curve
 - Trends and Change management
 - Earned Value
 - Cost and Schedule Performance Index
 - Estimate at Completion
 - Analysis and Reporting

Planning and Scheduling

- Difference between Planning and Scheduling activities
- Understanding Terminology
- Understanding Critical Path
- Understanding Forward and Backward Pass
- Building a network
- Analysis and Reporting Communication