



# Global OpEx Solutions

**SEMINAR**

**Trng. Code: APE-V01**

Seventy percent of cost and waste is designed in by product engineering and advanced process engineering early in the development cycle. In addition, during recession many companies have reduced engineering spending for survival. Forward-thinking companies are now seeking advanced process design courses to re-develop these skills.

This seminar provides fundamental techniques to develop processes that are able to produce consistent, high-quality products/services at minimum cost and on time. Participants will learn how process engineering complements overall product development and integrates with operational excellence. These techniques are also vital for process updates and relocations.

### Learning Objectives

- ◇ Importance of advanced process engineering
- ◇ Relationship between product development, process excellence and quality engineering
- ◇ Linkage between process excellence tools
- ◇ Proactively perfect the process and prevent accidents, defects and costs
- ◇ Develop and implement process excellence
- ◇ Connection to continuous improvement

### Instructors



**Martin Nazareth PMP, MSIE, President — OpEx Solutions**

Martin Nazareth has led strategic deployment of operational excellence at over 100 plants globally across several industries in Lean, TPM, FMEA/PCP and Error Proofing. He held senior level positions at Alcoa, Delphi and EDS. He has two masters' in IE and a bachelor's in mechanical engineering. Martin is a certified Project Management Professional (PMP) and a Six Sigma Green Belt. Martin has also served as a board member of AME's SW Region and is a director of IIE's Lean Division and Industry Advisory Board.

**Ken McClymonds PE, Principal Consultant — OpEx Solutions**

Ken McClymonds is a registered Professional Industrial Engineer and Six Sigma Master Black Belt with over 40 years of professional experience and 19 years at VP level, leading process improvement systems resulting in significant and sustainable bottom line results. Ken is a Senior Member of IIE, and a Director of the Institute for High Performance Planning.



**Cancellation Policy:** Enrollment fee less \$100.00 non refundable registration charge will be refunded up to one week before the event. Substitutions may be made any time prior to the start of the workshop. This event may be cancelled by OpEx Solutions for any reason (probability very low), OpEx Solutions will refund the enrollment fee, however, is not responsible for incidental costs incurred by registrants.

### Key Topics

- ◇ Flow Charts and Failure Modes & Effects Analysis
- ◇ Key Characteristics, R&R and Process Capability
- ◇ Process Control Plan and Error-proofing
- ◇ Operator Work Instructions & Operator Training
- ◇ Capacity Verification and Run-at-Rate

### Who should attend?

Plant Managers & Business Unit Leaders  
 Continuous Improvement Leaders  
 Process or Manufacturing Managers and Engineers  
 Quality or Reliability Managers and Engineers  
 Project Managers

| Date   | Location   |
|--|------------|
| Feb 15-16, 2018  | Austin, TX |
| 8:00 a.m. – 5:00 p.m. both days                          |            |
| <i>Registration ends 14 calendar days prior to start</i> |            |

| Enrollment Fees                |                    |
|--------------------------------|--------------------|
| \$1095 OpEx Solutions' Clients | \$1195 Non-members |
| \$1145 AME/IIE/PMI Members     |                    |