



Global OpEx Solutions

2-DAY SEMINAR

Course 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.

Key Topics

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

Learning Objectives

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

Who should attend?

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

Open Enrollment Fees

\$1095 COC Members	\$1195 Non-members
\$1145 AME/ASQ/IISE/PMI® Members	

Instructors



Martin Nazareth PMP, MSIE, President — OpEx Solutions, 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, 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 training. In the event of cancellation by OpEx Solutions, Inc. (OSI) for any reason (probability very low), the enrollment fee will be refunded, however, OSI is not responsible for incidental costs incurred by registrants.