



# Global OpEx Solutions

**BY REQUEST: 2 DAYS**

**Course Code: PDPP-V01**

Product development is typically the largest discretionary expense and a CHAOS survey in 2004 revealed an average of 56% cost overrun across projects. In addition, many projects fail to meet customer intent and are exited without completion. A well-designed and managed product development process will minimize these shortcomings. Participants will discover how to embark on a sustainable and successful product development process. Each participant will gain an understanding of the key components and a proven process to develop the right product solutions for their customer needs.

### Key Topics

- ◇ Preliminary Assessment & Requirements
- ◇ Project Planning
- ◇ Product & Process Design
- ◇ Product & Process Validation & Launch
- ◇ Excellence in Sustaining Engineering

### Learning Objectives

- ◇ Integrated product development process
- ◇ Pitfalls to avoid
- ◇ Maximizing success of products in the market
- ◇ Managing the largest discretionary expense
- ◇ Achieving on-time, on-budget & quality products
- ◇ Benefits of focused product development
- ◇ Key tools & techniques of product development
- ◇ Reducing time to market
- ◇ Seven product development wastes
- ◇ Minimizing losses while exiting unfeasible projects
- ◇ Enabling Lean manufacturing

### Who should attend?

Product Managers and Marketing  
 Product Engineering  
 Manufacturing Engineering (Advanced Manufacturing)  
 Quality Engineering (Advanced Quality)  
 Continuous Improvement Leaders  
 Project Managers (*PMPs earn 16 PDUs*)

**2 days — 8:00 a.m. – 5:00 p.m.**

*Please contact OpEx Solutions, Inc. for pricing.*

### Instructors



**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.

**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.



**Payment & Cancellation Policy:** A 50% advance payment is due at the time of scheduling. The balance and expenses will be invoiced after the event. For cancellation up to seven days prior to the event date, the advance will be refunded less 10%.

