



Global OpEx Solutions

Lean/Six Sigma Green/Black Belt

Course Codes: LSSGB & LSSBB

Lean reduces waste by identifying and solving problems, while, Six Sigma reduces waste by reducing process variation. Waste elimination is paramount in achieving the productivity required for organizations to survive and compete. Lean and Six Sigma complement each other into a powerful system to eliminate waste. OSI's Black Belts combine Six Sigma & Lean techniques as they lead their organizations on their waste reduction, productivity, and quality improvement journey.

Participants will discover how to embark on a sustainable and successful continuous improvement journey by gaining expertise in the proper use of Lean and Six Sigma tools and techniques. Each participant will gain LSS certification knowledge in applying the well-respected DMAIC process resulting in not just finding an answer but identifying the right solution to their business problems.

Upon class-room course completion, participants will be registered for an online self-study program for up to 180 days to practice and complete the certification exam.

Learning Objectives

- ◇ Knowledge of Lean & statistical tools for DMAIC
- ◇ Selecting problems to solve ensuring ROI
- ◇ Applying tools to analyze & solve business problems
- ◇ Selecting the right solutions
- ◇ Verifying the solution is effective
- ◇ Implementing controls to ensure sustainability
- ◇ Enterprise transformation using Lean and Six Sigma
- ◇ Obtaining the knowledge to earn an LSS certification

Agenda

| | | |
|-------------|-------|----------------------|
| Week 1 | LSSGB | Tues 8:00 — Fri 5:00 |
| Weeks 2 & 3 | LSSBB | Mon 8:00 — Fri 5:00 |

Instructors

John P. Gay, Master Black Belt, VP of Operations — OpEx Solutions, has around 40 years of professional experience. He supervised Master Black Belts and led Global Best Practices for Focused Improvement for DuPont, delivering over \$1M per person annual hard, validated savings and \$2M+ in soft savings. John served as Technical Superintendent for the LaPorte, Texas Dupont plant, ensuring compliance with environmental water quality permit standards and delivering permit requirements on time and within budget. John is an APICS Certified Supply Chain Professional and a SCORE (Supply Chain Council) Professional.

Ken McClymonds PE, Master Black Belt, Principal Consultant — OpEx Solutions, is a registered Professional Industrial Engineer 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: Registration fee less \$100.00 will be refunded up to one week before the event. Substitutions may be made any time prior to the start of the course. This event may be cancelled by OpEx Solutions (OSI) for any reason (probability very low), OpEx Solutions will refund the registration fee, however, OSI is not responsible for incidental costs incurred by registrants.

Key Topics

- ◇ Lean & Six Sigma Tools, & other methodologies
- ◇ Voice of the Customer & Customer Data
- ◇ Project Selection, Definition & Management
- ◇ Process Mapping
- ◇ Measurement Systems & Process Capability
- ◇ Statistical Analysis
- ◇ Design Of Experiments (DOE)
- ◇ Process Improvement & Control

Who should attend?

Almost all functions:

- ◇ Operations
- ◇ Product & Process Engineering
- ◇ IT & Project Management
- ◇ Quality or Continuous Improvement
- ◇ HR, Finance & Administration

Participant Requirements

- ◇ Laptop loaded with Minitab or other stat software (Excel macros link provided for those w/o software)
- ◇ 1 x (GB) & 1 x (BB) company-approved projects (OSI will provide projects for non-sponsored students)

Registration & Fees

| Program | Regular | AME/ASQ/ IISE/PMI Members | COC Members |
|------------|---------|---------------------------------|----------------|
| LSSGB | \$2,145 | \$2,045 | \$1,945 |
| LSSBB | \$4,795 | \$4,495 | \$4,295 |
| LSSGB & BB | \$6,395 | \$6,095 | \$5,745 |

Certification & online material fee : \$200 for GB & \$300 for BB