

The Lean Six Sigma Certificate Program in Industrial Engineering is meticulously crafted to impart participants with invaluable skills in process improvement and practical problem-solving. Our goal is to establish this program as a cornerstone for professionals seeking to elevate their expertise, contribute significantly to organizational success, and catalyze a surge in demand for individuals equipped with this prestigious qualification.

### **I. The criteria for obtaining the certificate are as follows:**

- Complete a three-day Lean Six Sigma workshop over three weeks.
- Complete one hands-on Lean Six Sigma project.
- Pass the Lean Six Sigma training exam.

### **II. Program Overview:**

The establishment of a Lean Six Sigma Certificate Program aims to equip students or participants (outside of the University of Houston) with the knowledge and skills required for process improvement and operational excellence. This program will commence with an initial pilot training workshop, followed by subsequent training sessions.

**No specific prerequisites for enrollment;** both undergraduate and graduate students are welcome. Participants are recommended to consider certain factors before enrolling. The 3-day workshop will be conducted using step-by-step instructions in the workshop using basic tools to analyze data. Working professionals with an undergraduate degree, especially those outside the University of Houston, are encouraged to join this 3-day workshop.

### **III. Pilot Training Workshop:**

- Duration: 3 days (Saturday, February 3, 10, 17, 2024)
- Location:  
4246 Martin Luther King Blvd.  
Houston, TX 77204  
CEMO - Michael J. Cemo Hall,  
Room 105 HyFlex Classroom

### **IV. Program Benefits:**

- **Quality Training:** Participants will receive high-quality Lean Six Sigma training from experienced instructors in Industrial Engineering at the University of Houston.
- **Continuous Improvement:** The program will incorporate feedback from the pilot workshop to continually enhance the training curriculum.
- **Flexible Schedule:** Training sessions will be scheduled to accommodate participants' availability and industry demands.

- Certification: Participants successfully completing the program will receive a Lean Six Sigma Certificate, enhancing their professional credentials from the Industrial Engineering program at the University of Houston.

The Lean Six Sigma Green Belt Certificate Program offered by the Department of Industrial Engineering is designed not only to enrich the professional development of participants but also to make substantial contributions to their career progression and enhance the overall efficiency and competitiveness of their respective organizations. The seasoned instructor, bringing extensive experience from various industries, seamlessly integrates theory and practical applications to provide students with a valuable learning experience in both undergraduate and graduate courses, such as Operations Control, Production Planning, Inventory Control, Quality System, Reliability Engineering, and others.

Sincerely,

Matthew Hu, PhD, MBB  
Director of Engineering Management Program  
Industrial Engineering  
**University of Houston**