Transform Your Business

Annual Revenue Recovery

Increased:
- Efficiency
- Cash Flow
- Growth

Step Up. Stand Out.

Lean Six Sigma Black Belt

UC San Diego Extension
LEAN SIX SIGMA
Training | Practice | Mentorship
UC San Diego Extension’s
Lean Six Sigma Black Belt Program
Arguably The Most Effective Program
For High-Performance Processes.

Lean Six Sigma provides a systematic method to improve performance efficiencies and reduce variations in business operations to achieve productivity and profitability gains. Throughout the program, students learn to identify waste and execution problems, determine constraints and defects, create improvements through kaizen events, and monitor performance through balanced measurements. Frontline Black Belts can be the source of revolutionary and rapid process improvements in any organization, leading to dramatic increases in both productivity and profitability.

Why Our Program:

- Company project will result in at least $100K in projected annual savings
- Instructed and mentored by world-class Master Black Belt industry practitioners
- Training aligned with American Society of Quality’s Body of Knowledge
Transforming Businesses. Accelerating Careers.
The Highest Level Of Training And Mentorship.

Accelerate business growth and productivity for your business with Lean Six Sigma Black Belt training. Improve processes, unleash opportunities, and increase cashflow. Classroom instruction and practical hands-on projects, allow direct application of Lean Six Sigma, resulting in a projected ROI of 2000%.

Relaunch Your Business With These Benefits:

- Immediately Save Thousands of Dollars
- Improve Quality and Delivery
- Reduce Variations In Business Operations
- Reduce Waste & Increase Efficiency
- Build In “Continuous Improvement” Systems
- Increase Cash Flow
- Increase Return on Investment (ROI)
- Faster Monthly Closing of Finances
- Reduce Accounts Receivables Time
- Grow The Business From Within

Step Up. Stand Out.
Streamlining Processes Speeds Up Profits.

Just Another Success Story Powered By Lean Six Sigma From UCSD Extension.

Overview
DEPARTMENT: Pharmacy UC San Diego Health
EXECUTIVE SPONSOR: Jo Anna Lamott
PROJECT MANAGER: Lily Angelocci
CO-LEADS: Susan Wilson, Carrie Coates, Hieu Dao
MENTOR: Ric Van Der Linden & Steve Spravzoff

Challenge
Single Dose Vial (SDV) oncology drugs that carry a significant price tag (up to $18,000/vial) have been wasted due to their limited shelf life after opening. The vials are not appropriately documented, and this had led to unknown waste and dollars spent. Currently they do not have the capability to appropriately measure and bill oncology for the drug waste, that is worth $2.7 Million at cost.
Current State

- No process in place to track SDV medication waste
- Scanning rate (for medication safety reason) various from site to site (25% - 99%)
- UCSD Health is leaving money on the table if not capturing the opportunity of JW Modifier Policy Moores cancer center has been paying for the wasted drug that’s worth $2.7M (at Cost)/12 months Hillcrest and SDCC add another 20% to the volume above.

Solutions To Root Cause Analysis

- Systematically educate staff and communicate why it’s critical to scan meds
- Provide pharmacists support at night shifts; implement stand scanners; hire new techs to cover the "slow downs" due to scanning.
- Monthly data update and reports shared with all infusion room staff via email and in-person meetings.

Results
Real Life Success With Lean Six Sigma

Scan Rate Increased By 48%

Annual Revenue Recovery of $3.4M!
# 12 Weeks Can Change Your Life.

**Lean Process Training, Lifelong Potential.**

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Powerful Tools, Insight, And Mentoring.

Project Management  
Change Management  
Team Building  
Data Collection  

SPC for Attribute  
Inferential Statistics  
Hypothesis Testing  
Process Modeling Regression  

DOE Planning  
DOE – Full Factorial  
DOE – Fractional Factorial  

Capability Analysis  
Historical Data Analysis  
Measurement System – Advanced  
Variation – Advanced  
Champion Development  

Train-the-trainer  
Theory of Constraints  
Total Productive Maintenance  
Benchmarking  

Voice of the Customer  
DFSS Introduction  
Training Plans  
Control Plans - Advanced  

Final Project Presentation and Certification
Investing in this training is investing in the future by ensuring the tools and insights to drive meaningful change. We’re looking forward to taking the lessons our team learned and deploying them to the benefit of more San Diegans.

Almis Udrys - Director of Performance and Analytics, City of San Diego
Joining staff have
looking forward
from citywide for
Program Overview
The Lean Six Sigma Black Belt (LSSBB) certificate program develops practitioners through comprehensive class instruction and the implementation of a real project into the workplace. You will receive a balanced skillset of the LSSBB tools and the necessary leadership and management skills needed to deliver results.

Who Should Attend?
Anyone interested in improving processes by way of structured methodology, statistics and team work. This can be in any industry on any process by someone in any position.

Course Benefits
- Projected annual savings of at least $100k per project
- Instructed by industry leading Master Black Belt practitioners
- Program curriculum is aligned with the American Society for Quality’s (ASQ’s) Body of Knowledge, providing the education needed to prepare for the Six Sigma Black Belt Certification (CSSBB) exam

Prerequisites
- Identify two possible projects at your workplace or an outside organization
- Experience with Excel and PowerPoint

Course Includes
- 12 in-class, expert led sessions for a total of 90 hours of training
- Master Black Belt mentorship throughout the duration of the program
- All lunches, textbooks, software (DOE Pro and SPC XL) and custom workbook
Bring Your Company A New Level Of Results.
Help From Expert Instructors Every Step Of The Way.

Ric Van Der Linden, MAOM
Ric is Principal Consultant for ProgressivEdge, a consulting business focused on Continuous Improvement techniques with a strong emphasis on Lean Six Sigma. Along with project leadership, he has trained, mentored and certified over 500 Lean/Green/Black Belt students with a cumulative savings of $50 million. Though he started in Manufacturing with Honeywell, during the past decade he has provided both tactical and strategic support for process improvements in a variety of industry including; healthcare, military, utilities, administrative and a variety of services. Ric is a certified Lean Expert and Lean Six Sigma Master Black Belt (LSSMBB)

Angela Cook, Program Manager
Angela oversees the Lean Six Sigma, Project Management and Supply Management certificate programs at UC San Diego Extension. In this role she facilitates all aspects of the training programs, and connects with prospective and current students to ensure that they achieve their educational goals. Angela facilitates alumni networks with over 900 program graduates, where current students, Advisory Board Members, and alumni are encouraged to network and engage in a variety of annual events. Prior to joining UC San Diego Extension, Angela coordinated the Lean Enterprise and Project Management programs at another major San Diego university.

Register Today
Now accepting applications - Classes are filling up quickly.
Angela Cook, Program Manager
(858) 534-8133
a9cook@ucsd.edu
extension.ucsd.edu/LeanSixSigma
Our Pledge To You

We are committed to transforming businesses, accelerating careers, and extending potential. We pledge to provide the highest level of training and mentorship; to help you meet the demands of increasingly competitive markets; to empower you to make processes smoother, more profitable, and more sustainable; and to be your launchpad for higher achievement and exceptional results.

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