

Business Management 7241 – Course Overview

Lean Enterprise Leadership

Course Description

Business Management 7241, Lean Enterprise Leadership is designed to provide students with the skills and discipline needed to lead and learn in a continuous improvement environment in a hands-on participative manner. Students who complete the class can immediately contribute to an organization's effort in continuous improvement, whose principles are used by many leading organizations in all sectors to outpace competitors year after year.

Course Objectives

1. Solve a problem in a work environment.
 - a. Define and document the current situation using process mapping (Baseline/Current State)
 - b. Analyze a problem to find its root cause (Cause)
 - c. Develop and evaluate multiple countermeasures for the root cause (Countermeasure)
 - d. Plan and implement the best overall countermeasure
 - i. Create flow through a series of processes in a value stream.
 - ii. Regulate the flow of materials or information through a value stream.
 - e. Embed lessons learned into ongoing work practices (Confirm)
2. Model appropriate leadership behaviors to drive changes in the culture of an organization.
3. Build systems to apply and manage lean tools, techniques, principles, and practices in a workplace.

Faculty



Tracy Owens

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Office Hours: By appointment

Mr. Owens is a Clinical Associate Professor in the Department of Integrated Systems Engineering. Tracy joined the University in 2019 and is a process improvement consultant for businesses, non-profits, and government agencies. He is an ASQ Certified Quality Engineer and Certified Manager of Quality & Organizational Excellence

Required course materials

The Practical Lean Six Sigma Pocket Guide XL (notebook size), ISBN 978-0-9903123-6-9
OR The Practical Lean Six Sigma Pocket Guide (index card size), ISBN 978-0-9898030-1-4

Attendance

Because we meet so few times, any absence is significant. **Missing more than 3 hours (One class without prior approval and a remediation plan) will result in a failing grade.**

Grading

Lean Enterprise Leadership requires active participation in classroom exercises. Grades will be based on contributions to the discussion both in class and completed assignments, including an in-class simulation. There will be one test at the end of the course to assess your familiarity of the course contents.

Participation requires reviewing materials in advance of each class session,

There are a number of activities and assignments that will be used to assess your understanding of the material covered in this course. These are listed below.

Component	Points Available
Attendance/Participation	40
Homework	20
Simulations	15
Final Exam	25
TOTAL (Maximum Points)	100

1. CLASSROOM PARTICIPATION/KNOWLEDGE REVIEWS

- a. Attendance is required; you should attend every class and participate to:
 - i. Learn as much as possible
 - ii. Achieve a grade you will be satisfied with
 - iii. Know how to apply these principles in a workplace
- b. Arrive on time – in-class activities will be fast paced
- c. Participate; you should share your thinking and observations during every class session
Come prepared to discuss topics and applications. Consistent contribution through the semester is much more valuable than a few good days where you answered a couple of questions in class.
- d. Complete an accurate Carmen Profile with a recent picture (4 points)
- e. Complete any assigned reading and knowledge reviews before class
- f. The final 4 points are at my discretion and are unlikely to be awarded except to truly exceptional contribution, or to prevent catastrophe

2. HOMEWORK

- a. Weekly assignments are **individual** assignments. Please do not collaborate or discuss assignments with anyone else until after they are submitted.
- b. **Submit on time. Late assignments will not be considered** and your score for that assignment will be zero.
 - i. All assignments are due on Thursdays at 6:15 pm. Anything later than that, regardless of the reason, will not count.
- c. Assignments must be neat and complete, and in the correct sequence. Use relevant pictures and graphs where necessary.

3. SIMULATION

- a. One or more simulations will be used to provide hands-on application of the course material.
- b. The final simulation will take place on the last day. If your team is able to produce at the customer's desired rate, you and your team will earn full credit.

4. FINAL

- a. The final will be a short examination to ensure you understand the concepts presented in the course. It WILL be straight forward and should present no problem if you were in attendance every day
- b. It will be an open note/book examination
- c. It will occur on the last day of class