LEAN SIX/SIGMA

Overview

Lean Six/Sigma Technical Diploma

Program Code: 30-185-1

For more information: wctc.edu/lean-six-sigma

Prepare to lead and facilitate continuous improvement project teams by using Lean and Six Sigma practices, including data analysis, process documentation, project management and risk analysis.

The minimum required course grades and program grade point average (GPA) for students under this catalog are:

Core Courses = C
General Studies Courses = C
Program GPA = 2.0

Build your degree along a career pathway. Start with a couple of courses or an entry-level credential to enter the job market in your area of interest, then continue with higher credentials on your educational path for job advancement and higher wages.

Career Pathway

1. Lean Six/Sigma 21
2. Quality Management 60

Learning Outcomes
Program Outcomes

1. Utilize lean principles and tools to identify inefficiencies and opportunities for improvement.

2. Utilize six sigma strategies and data analysis for systems improvement.

3. Demonstrate proficiency in leadership and management functions.

4. Develop strategies to manage risk mitigation.

Critical Life Skills

To help our students prepare for success in a workplace and society that is **increasingly global, multicultural and collaborative**, we provide curricular and co-curricular opportunities to develop critical life skills. WCTC is committed to teaching all students the following skills:

- **Communication:** Demonstrate appropriate communication.
- **Critical Thinking/Problem Solving:** Demonstrate critical thinking skills to analyze situations and solve problems.
- **Relationships:** Demonstrate effective interpersonal skills.
- **Self-management:** Demonstrate responsible and respectful behavior.

Required Courses

Listed below are the required courses for the program. To view the recommended sequence for taking courses click on the plan of study tab(s) above. See your Academic Advisor to design a full-time or part-time plan that works for you!

View your **Program Matrix** to find out when each course will be offered (term and time of day).

Code	Title	Credits
Required Courses		
625-150	Six Sigma Green Belt	5
625-151	Six Sigma Green Belt Project	1
623-161	Lean Enterprise/Intro	3
623-162	Prin for Lean Enterprise	3
623-163	J-I-T Lean Enterprise	3
623-164	Lean Leadership Applications	3
804-189	Introductory Statistics	3
Total Credits		**21**

Full-time Plan

First Year

Fall Term 1		Credits
623-161	Lean Enterprise/Intro	3
	Credits	**3**
Fall Term 2		
623-162	Prin for Lean Enterprise	3
	Credits	**3**
Spring Term 1		
623-163	J-I-T Lean Enterprise	3
	Credits	**3**
Spring Term 2		
623-164	Lean Leadership Applications	3
	Credits	**3**

Second Year

Summer Term		
804-189	Introductory Statistics	3
	Credits	**3**
Fall Term 1		
625-150	Six Sigma Green Belt	5
	Credits	**5**
Fall Term 2		
625-151	Six Sigma Green Belt Project	1
	Credits	**1**
	Total Credits	**21**