

# LEAN SIX/SIGMA

## Overview

Lean Six/Sigma Technical Diploma

Program Code: 30-185-1

For more information: [wctc.edu/lean-six-sigma](http://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

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.

## 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
<b>Required Courses</b>		
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
<b>Total Credits</b>		<b>21</b>

## Full-time Plan

<b>First Year</b>		
<b>Fall Term 1</b>		<b>Credits</b>
623-161	Lean Enterprise/Intro	3
<b>Credits</b>		<b>3</b>
<b>Fall Term 2</b>		
623-162	Prin for Lean Enterprise	3
<b>Credits</b>		<b>3</b>
<b>Spring Term 1</b>		
623-163	J-I-T Lean Enterprise	3
<b>Credits</b>		<b>3</b>
<b>Spring Term 2</b>		
623-164	Lean Leadership Applications	3
<b>Credits</b>		<b>3</b>
<b>Second Year</b>		
<b>Summer Term</b>		
804-189	Introductory Statistics	3
<b>Credits</b>		<b>3</b>
<b>Fall Term 1</b>		
625-150	Six Sigma Green Belt	5
<b>Credits</b>		<b>5</b>
<b>Fall Term 2</b>		
625-151	Six Sigma Green Belt Project	1
<b>Credits</b>		<b>1</b>
<b>Total Credits</b>		<b>21</b>