Montgomery County Community College
WDCBC 2035
Overview of Lean Manufacturing
0-6-0

Course Description:

Train employees on how to develop performance metrics and how to hold themselves accountable as well as understand Quality and Process Improvement.

Requisites:

Previous Course Requirements
None

Previous or Concurrent Course Requirements
None

Course Comment(s)
None

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Understanding of Lean and Business Process	In class participation and worksheets	Formative, in-class
2. Understanding 8 forms of Waste	Identify wastes in processes.	Formative, in-class
3. Measure Accountability and Responsibility. – Lean Leadership	Develop and execute a deployment plan to increase activity.	Formative, in-class
4. Increase Productivity. – LEAN Tools	Develop and execute a deployment plan to increase activity.	Formative, in-class

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated results will be submitted to the Associate Vice President of Academic Affairs. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria*.

Sequence of Topics:
1. Course Introduction
2. What is a business process
3. Identifying the 8 forms of waste

4. LEAN Leadership
5. Operation Excellence – Lean Tools
6. 5 Why's
7. Performance Driven Management

Learning Materials:

Material will be provided by instructor.

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

Course Approval:
Prepared by: Bernadette DeBias   Date: 9/17/18

Jim Fox, Executive Director, Workforce Development
Compliance Verification: Date: 9/19/18

Revised by: Date:
Jim Fox, Executive Director, Workforce Development
Compliance Verification: Date:

This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.