Washtenaw Community College Comprehensive Report

BMG 228 Purchasing and Inventory Control
Effective Term: Fall 2015

Course Cover
Division: Business and Computer Technologies
Department: Business
Discipline: Business Management
Course Number: 228
Org Number: 13210
Full Course Title: Purchasing and Inventory Control
Transcript Title: Purchasing & Inventory Control
Is Consultation with other department(s) required: No
Publish in the Following: College Catalog , Time Schedule , Web Page
Reason for Submission: New Course
Change Information:
Rationale: Changes were required to the Supply Chain program to incorporate new courses to prepare students for industry certification assessments. This change is needed to refocus student learning and not increase the number of credit hours needed to complete the certificate and associate degrees.
Proposed Start Semester: Fall 2015
Course Description: In this course, students will learn about the practices related to strategic and operational purchasing, buying, and supply management throughout the supply chain. A key component of the purchasing function is inventory control and management so students will also learn practices for determining product assortments, acquiring and replenishing stock, and reducing excessive inventory. Finally, students will learn to perform the business math calculations related to all aspects of purchasing and inventory control.

Course Credit Hours
Variable hours: No
Credits: 3
Lecture Hours: Instructor: 45 **Student:** 45
Lab: Instructor: 0 **Student:** 0
Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 45 **Student:** 45
Repeatable for Credit: NO
Grading Methods: Letter Grades
Audit
Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing
College-level Reading & Writing

College-Level Math
No Level Required

Requisites
General Education
Request Course Transfer
Proposed For:

Central Michigan University
College for Creative Studies
Eastern Michigan University
Ferris State University
Grand Valley State University
Jackson Community College
Kendall School of Design (Ferris)
Lawrence Tech
Michigan State University
Oakland University
University of Detroit - Mercy
University of Michigan
Wayne State University
Western Michigan University

Student Learning Outcomes

1. Use purchasing vocabulary and concepts related to source selection, pricing, quality, supplier management, and negotiation strategies to effectively purchase goods and services for an organization.
   Assessment 1
   Assessment Tool: Departmental exam
   Assessment Date: Fall 2018
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Answer sheet
   Standard of success to be used for this assessment: 75% of students will score 75% or better.
   Who will score and analyze the data: Exam will be taken online and scored electronically. Lead instructor will analyze and share the results.

2. Identify and apply concepts related to maintaining inventory investments at reasonable levels while providing sufficient inventory to meet demand.
   Assessment 1
   Assessment Tool: Departmental exam
   Assessment Date: Fall 2018
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Answer Sheet
   Standard of success to be used for this assessment: 75% of students will score 75% or better.
   Who will score and analyze the data: Exam will be taken online and scored electronically. Lead instructor will analyze and share the results.

3. Perform business math calculations related to purchasing, buying, and inventory management.
   Assessment 1
   Assessment Tool: Departmental exam
   Assessment Date: Fall 2018
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Answer Sheet
   Standard of success to be used for this assessment: 75% of students will score 75% or better.

Who will score and analyze the data: Exam will be taken online and scored electronically. Lead instructor will analyze and share the results.

Course Objectives

1. Identify and recognize how purchasing, buying, and supply management contribute to organizational strategies, profitability, and competitive positioning.
   Matched Outcomes
2. Identify and apply practices related to forecasting, determining order quantities, and establishing delivery methods.
   Matched Outcomes
3. Apply the concepts related to acquiring, replenishing, and reducing excessive inventory taking into consideration factors such as shelf life, lead time, and safety stock.
   Matched Outcomes
4. Apply the appropriate analytical tools to make purchasing decisions such as make-or-buy, insourcing, and outsourcing.
   Matched Outcomes
5. Identify the principles of supplier selection, supplier evaluation, and supplier relationship management.
   Matched Outcomes
6. Identify and apply the tools and techniques related to cost management including total cost of ownership.
   Matched Outcomes
7. Identify and perform business math calculations related to creating a purchasing plan (sales/use, inventory turnover, reductions, stock-to-sales/use ratio, and open-to-buy).
   Matched Outcomes
8. Identify and perform business math calculations related to performance, including financial and profitability measures, inventory measures, and productivity measures.
   Matched Outcomes

New Resources for Course
Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Other: Blackboard or other learning management system.

Reviewer	Action	Date
Faculty Preparer:		
Cheryl Byrne	*Faculty Preparer*	*Nov 12, 2014*
Department Chair/Area Director:		
Colette Young	*Recommend Approval*	*Nov 13, 2014*
Dean:		
Kimberly Hurns	*Recommend Approval*	*Nov 17, 2014*
Vice President for Instruction:		
Bill Abernethy	*Approve*	*Dec 18, 2014*