

OMBA 6944 - Operations Supply Chain Management

Summer 2026 Syllabus, Section A03, CRN 30940,

Credit hours: 3

Instructor

Ramesh Dangol

Professional Qualifications:

Professional Qualifications:

Ph. D., Strategic Management, Purdue University

Master's, MBA, Ball State University

Bachelor's, Economics, Middlebury College

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Course Description

6944. Operations & Supply Chain Management. Operations and Supply Chain Management (OSCM) examines the functions of sourcing, materials management, operations planning, distribution, logistics, retail, demand forecasting, order fulfillment, and more in a broad area that covers both manufacturing and service industries. In this course, students will learn what functions OSCM performs, why it is important, and how to make business decisions in the field of OSCM. The objective is to help students develop a systematic working knowledge of the concepts and methods related to designing and managing operations in a supply chain. Prereq.: graduate standing, admission to the OMBA Program or permission from the MBA Program. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Operations Management: Processes and Supply Chains, 14th edition	Krajewski, L.J. & Malhotra, MK	9780138185060

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
6/29	Textbook readings Chapter 1, pages 1-13, pages 24-26 Article readings 1. Hayes, R. H., & Upton, D. M. (1998). Operations-based strategy. California Management Review, 40(4), 8-25.	Module 1 Operations Management and Its Role in Gaining a Competitive Edge	All deliverables are due on Sunday at 11:59 PM. 1. Discussion 1 (posted on the BlackBoard) 2. Assignment 1 (posted on the BlackBoard) 3. Quiz 1



7/6	Textbook readings Chapter 2, pages 56-57, 61 – 66 Chapter 3, pages 82-107 Article readings 1. Hayes, R. H. (1979). The dynamics of process-product life cycle. Harvard business review, 127-136. 2. Hall, J. M., & Johnson, M. E. (2009). When should a process be art, not science? Harvard business review, 87(3), 58-65.	Module 2 Analyze and Design Processes for Manufacturing and Service Businesses	All deliverables are due on Sunday at 11:59 PM. 1. Discussion 2 2. Assignment 2 3. Quiz 2
7/13	Textbook readings Chapter 3, pages 106-114 Chapter 4, pages 138-147 Article readings Garvin, D. A. (1987). Competing on the eight dimensions of quality	Module 3 Quality and descriptive Tools for Managing it	All deliverables are due on Sunday at 11:59 PM. 1. Discussion 3 2. Assignment 3 3. Quiz 3
7/20	Textbook readings Chapter 4, pages 149-159; pages 161-166 Article readings None	Module 4 Predictive Tools for Evaluating and Improving Process Quality	All deliverables are due on Sunday at 11:59 PM. 1. Discussion 4 2. Assignment 4 3. Quiz 4
7/27	Textbook readings Chapter 5, pages 188-209, ages 203-207 Article readings Staats, B. R., & Upton, D. M. (2011). Lean knowledge work. Harvard Business Review, 89(10), 100-110.	Module 5 Principles of Lean Systems and their role in achieving operational efficiency	All deliverables are due on Sunday at 11:59 PM. 1. Discussion 5 2. Assignment 5 3. Quiz 5
8/3	Textbook readings Chapter 13, pages 592-599 Chapter 14, pages 628-647 Article readings Fisher, M. L. (2003). What is the right supply chain for your product? Operations management: critical perspectives on business and management, 4, 73	Module 6 Strategic Sourcing and Supplier Selection	All deliverables are due on Sunday at 11:59 PM. 1. Discussion 6 2. Assignment 6 3. Quiz 6
8/10	Module 7 Final Exam	Module 7 Integrating Operations and Supply Chain Concepts	All deliverables are due on Sunday at 11:59 PM. 1. Final Exam

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.