

MGT 3789 - Operations Management

Fall 2026 Syllabus, Section 03, CRN 40990,

Credit hours: 3

Instructor

Jeong Hoon Choi

Professional Qualifications:

Ph.D. in Supply Chain & Operations Management, University at Buffalo, The State University of New York at Buffalo, 2011

Master of Science in Supply Chain & Operations Management, University at Buffalo, The State University of New York at Buffalo, 2007

Master of Business Administration, Seoul National University, 2006

Bachelor of Business Administration, Seoul National University, 2000

Associate Professor

Email: jhchoi@ysu.edu

Office: WCBA 3378

Office Phone: (330) 941-2401

Communication Expectations:

Students are expected to communicate in a professional and respectful manner at all times. Email is the primary method of communication for this course. I typically respond to emails within 24–48 hours on weekdays. Messages sent on weekends or university holidays may receive a response on the next business day. Please include the course number and a clear subject line in all emails.

How to Refer to me:

Dr. Choi



Course Description

3789. Operations Management. Study of current operations management theories and practices with emphasis on direction, planning, and control of production systems. Includes detailed analysis in such areas as materials management, work measurement, quality control, scheduling, maintenance, and forecasting. Prereq.: BUS 2600, 2.5 GPA. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Operations and Supply Chain Management	Heizer, Render, and Munson	9780135350454

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
8/25	Textbook chapters 1 and 11 Module 1 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Operations Management Supply Chain Management	Student Introduction (Due: 8/30/2026)



9/1	Textbook chapters 1, 2, 5, and 11 Module 2 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Operations Strategy Design of Goods and Services	Discussion 1 (Due: Due: Thread - 9/3/2026, Two replies – 9/6/2026) Discussion Presentation Team 1 (Due: 9/6/2026)
9/8	Textbook chapters 1, 2, 5, and 11 Module 2 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Operations Strategy Design of Goods and Services	Discussion 2 (Due: Thread - 9/10/2026, Two replies – 9/13/2026) Discussion Presentation Team 2 (Due: 9/10/2026)
9/15	Textbook chapter 3 Module 3 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Project Management	Discussion 3 (Due: Thread - 9/17/2026, Two replies – 9/20/2026) Discussion Presentation Team 3 (Due: 9/17/2026) Assignment 1 (Due: 9/27/2026)
9/22	Textbook chapter 4 Module 4 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Forecasting	Discussion 4 (Due: Thread - 9/24/2026, Two replies – 9/27/2026) Discussion Presentation Team 4 (Due: 9/24/2026) Assignment 2 (Due: 10/4/2026)
9/29	Textbook chapter 5S Module 5 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Sustainability in the Supply Chain	Exam I (Due: 10/1/2026)
10/6	Textbook chapters 6 and 6S Module 6 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Quality Management	Discussion 5 (Due: Thread - 10/8/2026, Two replies – 10/11/2026) Discussion Presentation Team 5 (Due: 10/8/2026) Assignment 3 (Due: 10/18/2026)
10/13	Textbook chapters 7 and 7S Module 7 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Process Strategies	Discussion 6 (Due: Thread - 10/15/2026, Two replies - 10/18/2026) Discussion Presentation Team 6 (Due: 10/15/2026)
10/20	Textbook chapters 8 and 9 Module 8 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Location Strategy Layout Strategy	Discussion 7 (Due: Thread - 10/22/2026, Two replies - 10/25/2026) Discussion Presentation Team 7 (Due: 10/22/2026) Assignment 4 (Due: 11/1/2026)
10/27	Textbook chapter 12 Module 10 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Inventory Management	Exam II (Due: 10/27/2026)
11/3	Textbook chapters 12, 13, and 14 Module 10 and 11 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Inventory Management Production Planning	Discussion 8 (Due: Thread - 11/5/2026, Two replies - 11/8/2026) Discussion Presentation Team 8 (Due: 11/5/2026) Assignment 5 (Due: 11/15/2026)
11/10	Textbook chapters 13 and 14 Module 11 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Production Planning	Discussion 9 (Due: Thread - 11/12/2026, Two replies - 11/15/2026) Discussion Presentation Team 9 (Due: 11/12/2026) Assignment 6 (Due: 11/22/2026)



11/17	Textbook chapters 15 and 16 Module 12 slides and learning materials Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Short-term Scheduling Lean Production Systems	Discussion 10 (Due: Thread - 11/19/2026, Two replies - 11/22/2026) Discussion Presentation Team 9 (Due: 11/19/2026)
11/24	Team project guidelines	Team Project Preparation	Team Project (Due: 11/30/2026)
12/1	Team project guidelines	Team Project Presentation	Team Project Presentation Teams 1 thorough 5 (Due: 12/1/2026) Team Project Presentation Teams 6 through 10 (Due: 12/3/2026)
12/8		Exam III	Exam III (Due: 12/8/2026)

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.