MGT 3789 - Operations Management

Fall 2026 Syllabus, Section A01, CRN 43664,

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

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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
10/19	Textbook chapters 1 and 11 Module 1 slides and learning materials Module 1 lecture videos Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Operations and supply chain management	Module 1 Discussion (Due: Thread - 10/22/2026, Two replies - 10/25/2026) Module 1 Assignment (Due: 10/25/2026) Module 1 Quiz (Due: 10/25/2026)

10/26	Textbook chapters 2 and 3 Module 2 slides and learning materials Module 2 lecture videos Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Operations Strategy Project Management	Module 2 Discussion (Due: Thread - 10/29/2026, Two replies - 11/1/2026) Module 2 Assignment (Due: 11/1/2026) Module 2 Quiz (Due: 11/1/2026)
11/2	Textbook chapters 4, 5, and 5S Module 3 slides and learning materials Module 3 lecture videos Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Forecasting Design of goods and services Sustainability in the supply chain	Module 3 Discussion (Due: Thread - 11/5/2026, Two replies - 11/8/2026) Module 3 Assignment (Due: 11/8/2026) Module 3 Quiz (Due: 11/8/2026)
11/9	Textbook chapters 6, 6S, 7, and 7S Module 4 slides and learning materials Module 4 lecture videos Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Quality Management Process Strategies	Module 4 Discussion (Due: Thread - 11/12/2026, Two replies - 11/15/2026) Module 4 Assignment (Due: 11/15/2026) Module 4 Quiz (Due: 11/15/2026)
11/16	Textbook chapters 8 and 9 Module 5 slides and learning materials Module 5 lecture videos Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Location Strategy Layout Strategy	Module 5 Discussion (Due: Thread - 11/19/2026, Two replies - 11/22/2026) Module 5 Assignment (Due: 11/22/2026) Module 5 Quiz (Due: 11/22/2026)
11/23	Textbook chapters 12 and 16 Module 6 slides and learning materials Module 6 lecture videos Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Inventory Management Lean Production Systems	Module 6 Discussion (Due: Thread - 11/26/2026, Two replies - 11/29/2026) Module 6 Assignment (Due: 11/29/2026) Module 6 Quiz (Due: 11/29/2026)
11/30	Textbook chapters 13, 14 and 15 Module 7 slides and learning materials Module 7 lecture videos Website readings posted in Blackboard Ultra Relevant videos posted in Blackboard Ultra	Production Planning	Module 7 Discussion (Due: Thread - 12/3/2026, Two replies - 12/6/2026) Module 7 Assignment (Due: 12/6/2026) Module 7 Quiz (Due: 12/6/2026) Individual Project (Due: 12/6/2026)

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.