



Pittsburg State University

Course Syllabus: Operations Management MGT 510, Section 01 Kelce 203 T & Th, 8:00 – 9:15 am, Spring 2023

Instructor:	Dr. Sang-Heui Lee, Professor of Management	
Office:	Kelce 110D	
Hours:	10:45 – 11:45 am & 1:00 – 3:30 pm, TTH 1:30 – 4:30 pm, W	
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## Textbook

Operations and Supply Chain Management, 14E by F. Robert Jacobs and Richard B. Chase.



## **Catalog Course Description**

Design, operation and control of production systems: the concepts will be taught through traditional lecture, videos, and student presentations. Students are expected to read the material ahead of the lecture during the semester.

### Prerequisites

- MGT 330 (MGMKT 327) Management and Organizational Behavior, MGT 310 (MGMKT 320) Business Statistics and MGT 420 (MGMKT 477) Quantitative Decision Making. May be taken for honors.
- Discipline knowledge and competencies include college algebra, business statistics, and quantitative decision-making concepts.

### **Course Objectives / Learning Outcomes**

Upon completion of this course, students will have enough basic understanding to explain:

- 1. The nature and context of operations and supply chain management
- 2. Systems that transform inputs into outputs in both manufacturing and services
- 3. Product design and process selection
- 4. The design of facilities and jobs



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# **Course Outline**

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Week	Date	Content	Presentation Schedule
1	01/17 01/19	Introduction	
2	01/24 01/25	Chapter 1	
3	01/31 02/02	Chapter 2	
4	02/07 02/09	Research Proposal	Team 1 – 6 Team 7 – 12
5	02/14 02/16	Chapter 3	
6	<b>02/21</b> 02/23	<b>Exam I</b> (Chapters 1- 3) Exam Review, Chapter 4	Team 1
7	02/28 03/02	Chapter 4 Chapter 5	Team 2 Team 3
8	03/07 03/09	Chapter 5 Chapter 6	Team 4 Team 5
9	03/14 03/16	Spring Break	
10	03/21 <b>03/23</b>	Chapter 6 Exam II (Chapters 4 – 6)	
11	03/28 03/29	Exam Review Chapter 7	Team 6 Team 7
12	04/04 04/06	Chapter 7 Chapter 8	Team 8 Team 9
13	04/11 04/13	Chapter 8	Team 10 Team 11
14	04/18 04/20	Chapter 11	Team 12
15	<b>04/25</b> 04/27	<b>Exam III</b> (Chapters 7, 8, and 11) Exam Review	
16	05/02 05/04	Course Review	
17	05/09	Final Exam	

\* This outline should be considered as a general plan only. Changes in this schedule may become necessary. The instructor reserves the right to amend and reorganize this syllabus at any time.



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## **Teaching Methods**

This online course consists of reading materials (textbook), class note PPT slides, discussion questions, chapter quizzes, a team project, exam study guides, etc. Students are expected to communicate with the instructor via **Canvas email**. Inquiries through the Canvas email will be responded to within 24 hours.

The team research project is an important part of this class. Each team will analyze, document, and present current business issues. Topics are selected by the team and should be approved during the proposal sessions as scheduled. Details are in "Course Evaluation Methods."

## Canvas

- Class announcements will be distributed through the course Announcements in Canvas. Students are required to check the course announcements regularly.
- Class notes (PPT slides) are saved under the Files/Class Notes folder.
- Chapter discussion questions will be posted under Assignments.
- Online exams will be available during the scheduled periods. Lockdown Browser and Monitor software are required.
- Grades for class activities will be posted in Grades.
- Should you have experienced any technical difficulties with using the Canvas learning management system, support services can be found <u>here</u> or contact <u>Gorilla Geeks</u>.
- The Canvas Privacy Policy can be found at this <u>link</u> or at: <u>https://www.canvaslms.com/policies/privacy</u>

### **Class Attendance Policy**

Students at Pittsburg State University are expected to attend class regularly and participate fully in class activities. Class attendance will be randomly checked no more than 10 times during the semester. The total score for class attendance will be up to 100 points (10 points x 10 times).

### **Academic Integrity**

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and



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guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below. Students pledge to:

- Refrain from class disturbances (during the online sessions that includes the office hours).
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another's work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).

#### **Students with Disabilities**

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the <u>current Syllabus Supplement</u>.



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## **Course Evaluation Methods**

**Exams:** Total exam score 500 includes 100 points for three midterm exams and 200 for the final exam. Exam questions are formulated based on content from textbook reading, discussion sessions, and lecture contents. A front page of handwritten letter-sized reference sheet is allowed during each exam time. All exams are in person.

Make-up exams: No make-up exams will be provided.

**Discussions:** There will be a discussion assignment for each chapter. Discussion assignments should be submitted in Canvas.

**Quizzes:** There will be a quiz for each chapter up to 10 times during the semester. Quizzes are taken online.

### Team Project: Literature Review of Operations and Supply Chain Management Topics

Project teams will be formed during the first week of the semester and posted. Each team will write and present a literature review on a selected topic in the Operations and Supply Chain Management disciplines. Teams should develop their projects according to the appropriate process as indicated in the "**Rubric for 510 Team Project**" file. 200 points.

Grading System: Your course grade will be determined based on the following:

Midterm Exam 1	100
Midterm Exam 2	100
Midterm Exam 3	100
Final Exam	200
Discussion	100
Quiz	100
Team Project	200
Proposal	20
Report	90
Presentation	90
Attendance	100
Total Points Possible	1000

#### Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.