



Pittsburg State University

Course Syllabus: Operations Management MGT 510, Section 1 Kelce 208 T & Th, 8:00-9:15 AM, Fall 2022

Instructor:	Dr. Sang-Heui Lee, Professor of Management
Office:	Kelce 110D
Hours:	Monday: 9:00 am – 11:30 am & 1:00 pm – 3:30 pm ( <u>online</u> ) Tuesday: 1:30 pm – 4:30 pm Wednesday: 9:00 am – 11:00 am ( <u>online</u> )
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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 lectures, 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



# **Course Outline**

Week	Date	Content	Presentation Schedule
1	08/23	Course Introduction & Lecture	
	08/25	Course introduction & Lecture	
2	08/30	Lecture	
	09/01		
3	09/06	Team project proposals	Team 1 – 6
	09/08		Team 7 – 12
4	09/13	Lecture	
	09/15		
5	09/20	Lecture	
	09/22		
6	09/27	Chapters review & exam guidelines	
0	09/29	Exam I	
7	10/04	Lecture	Team 1
•	10/06		Team 2
8	10/11	Lecture	Team 3
0	10/13		Team 4
9	10/18	Lecture	Team 5
-	10/20		Team 6
10	10/25	Chapters review & exam guidelines	
	10/27	Exam II	
11	11/01	Lecture	Team 7
	11/03		Team 8
12 11/08	12	Lecture	Team 9
12	11/10		Team 10
13	11/15	Chapters review, & exam guidelines	Team 11 & Team 12
	11/17	Exam III	
14	11/22	Thanksgiving Break	No Class
17	11/24		
15	11/29	Lecture	
15	12/01		
16	12/06	Course Review	
	12/08		
17	12/13	Final Exam (8:00~9:50 AM)	Comprehensive (Online)

\* 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.



## **Teaching Methods**

Most of the lectures will be given using PowerPoint slides. A class note for each chapter is available before class in Canvas. Students are required to bring a copy of the class note and fill in the blanks during the class. Students are required to read the course textbook. 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 session in class. Students are encouraged to participate in class discussions and team presentations. 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 for chapters will be available under the Files/PPT folder. Bring a copy to class for each chapter.
- Grades of class activities will be posted at 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>

### **Attendance Policy**

Students are urged to make their best attempts to attend all classes. Usually, there is a direct correlation between class attendance and performance on exams. When absent from a class, you alone are responsible for any announcements and lectures with examples given during the class. Attendance will be checked randomly during the semester and considered for the final letter grade. Class attendance is especially critical in the event the student is on the borderline between two grades. Students who have not attended or who have been excessively absent from a class may be dropped from the course by the instructor. Students may be dropped at any time in the semester based on course policy. Instructor drops after the beginning of the 12th week of a full semester class will result in a grade of "F" for the course. Regardless of the faculty prerogative to drop a student for nonattendance or excessive absence, the ultimate responsibility for monitoring and maintaining up-to-date course enrollment rests with the student.



## **Classroom Conduct**

In order to make a great class for your learning, each student's cooperation is necessary. Each student is expected to be well-behaved. No laptop, cellular phones, or any hand-held devices are allowed during class, unless the instructor asks to use them for a particular occasion, such as a topic search. Be on time or come earlier for class. If you are late for a class and there is a presentation being given, wait outside until it concludes.

### **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 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:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from the 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 assignments 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>.

### **Course Evaluation Methods**

**Discussion & Quiz:** There will be one or two discussion questions & a quiz for each chapter. Discussion assignments will be submitted in Canvas. Quiz

**Exams:** Total exam score of 400 includes 100 points for three midterm exams and 100 for the final exam. Exam questions are formulated based on content from textbook reading and lectures. Students are allowed one page of **hand-written** notes for each exam (total 4 pages for the semester), front side only (8  $\frac{1}{2}$  x 11).

<u>Make-up exams</u>: Students who are not able to take an exam on the scheduled exam time should let the instructor know <u>at least a week in advance of that particular exam</u> and may take a make-up exam at the end of the semester before the final exam. The final exam **must** be taken as scheduled.

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

Each team will write and present a literature review on a selected topic in the discipline of Operations and Supply Chain Management. Teams should develop their projects according to the appropriate process as indicated in the "Rubric for 510 Team Project" file. 100 points.

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

	Points	%
Discussion	100	10
Quiz	100	10
Team Project	100	15
Proposal	20	
Report	40	
Presentation	40	
Midterm Exam 1	100	15
Midterm Exam 2	100	15
Midterm Exam 3	100	15
Final Exam	100	20
Total Points Possible	700	100

#### Note

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