

COURSE SCHEDULE

Note: Lecture topics, readings, and due dates are subject to CHANGE. Any updates to the below schedule will be announced in and an updated schedule will be posted on CTools.

Lecture #	Date	Topic	Reading	Due
1	Tues. 9/8	Module 1: Introduction to the course, Introduction to Operations Management.	FP (Chapters 0), Lecture Slides. Optional: FP (Chapter 1)	N/A
2	Thurs. 9/10	Module 2: Inventory MGT: Deterministic Models	FP (Chapter 2), Lecture Slides and Notes.	N/A
3	Tues. 9/15	Module 2: Inventory MGT: Deterministic Models	FP (Chapter 2), Lecture Slides and Notes.	HW 0: Group Members Announcement
4	Thurs. 9/17	Module 3: Inventory MGT: Stochastic Models	FP (Chapter 2), Lecture Slides and Notes.	N/A
5	Tues. 9/22	Module 3: Inventory MGT: Stochastic Models	FP (Chapter 2), Lecture Slides and Notes.	HW 1
6	Thurs. 9/24	Module 3: Inventory MGT: Stochastic Models	FP (Chapter 2), Lecture Slides and Notes.	N/A
7	Tues. 9/29	Module 3: Inventory MGT: Stochastic Models	FP (Chapter 2), Lecture Slides and Notes.	HW 2
8	Thurs. 10/1	Module 4: Inventory MGT: Stochastic Models	FP (Chapter 2), Lecture Slides and Notes.	N/A
9	Tues. 10/6	Module 5: Capacity Management and Line Balancing	Capacity Management Notes (PDF), Lecture Slides and Notes.	HW 3
10	Thurs. 10/8	Module 5: Capacity Management and Line Balancing	Capacity Management Notes (PDF), Lecture Slides and Notes.	N/A
11	Tues. 9/13	Module 6: Optimization (LP)	Models for Decision Making (PDF) LP Formulations (PDF)	HW4
12	Thurs. 9/15	Module 7: Queueing Analysis: Factory Dynamics	FP (Chapter 7), Lecture Slides and Notes.	N/A
13	Tues. 10/20	FALL BREAK-NO CLASS		
14	Thurs. 10/22	Module 7: Queueing Analysis: Factory Dynamics	FP (Chapter 7), Lecture Slides and Notes.	HW5
15	Tues. 10/27	MIDTERM EXAM (Modules 1,2,3,4,5,6)		

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16	Thurs. 10/29	Module8: Queueing Analysis: Variability Basics	FP (Chapter 8), Lecture Slides and Notes.	N/A
17	Tues 11/3	Module8: Queueing Analysis: Variability Basics	FP (Chapter 8), Lecture Slides and Notes.	N/A
18	Thurs 10/5	Module8: Queueing Analysis: Variability Basics	FP (Chapter 8), Lecture Slides and Notes.	N/A
19	Tues. 11/10	Module8: Queueing Analysis: Variability Basics	FP (Chapter 8), Lecture Slides and Notes.	HW6
20	Thurs. 11/12	Module 9: Queueing Analysis: Corrupting Influence of Variability	FP (Chapter 9), Lecture Slides and Notes.	N/A
21	Tues. 11/17	Guest Lecture: Prof. Wallace Hopp MANDATORY CLASS ATTENDANCE		HW7
22	Thurs. 11/19	Module 10: Supply Chain Management (INTRO)	Lecture Slides.	N/A
23	Tues. 11/24	Module 10: Supply Chain Management-Part I	Simchi-Levi (Chapter 3), Lecture Slides.	HW 8
24	Thurs. 11/26	THANKSGIVING NO CLASS		
25	Tues. 12/1	Module 10: Supply Chain Management-Part II	Simchi-Levi (Chapter 3), Lecture Slides.	HW 9
26	Thurs. 12/3	Module 10: Supply Chain Management-Part III	Simchi-Levi (Chapter 4), Lecture Slides.	N/A
27	Tues. 12/8	Module 10: Supply Chain Management-Part IV	Simchi-Levi (Chapter 4), Lecture Slides.	HW 10
28	Thurs. 12/10	ENDTERM EXAM (Modules 7,8,9,10)		

Readings Key:

FP: "Factory Physics" by Wallace Hopp & Mark Spearman, 3rd Ed.

Simchi-Levi: "Designing & Managing the Supply Chain" by David Simchi-Levi, Philip Kaminsky, and Edith Simchi-Levi.