

IE412 – OR Models for Manufacturing Systems, Fall 2024
Tentative Calendar of Lecture Topics and Course Events

INSTRUCTIONS: This document provides a tentative list of the lecture topics and course events and taking place each week. These dates are subject to change; any changes will be announced on Canvas.

WEEK	CLASS DATES	SUMMARY OF LECTURE TOPICS	ASSIGNMENTS, EXAMS, AND GRAD PROJECT
1	8/27 8/29	Course Introduction, Introduction to Supply Chain Introduction to Supply Chain	
2	9/3 9/5	Introduction to Supply Chain Introduction to Supply Chain	
3	9/10 9/12	Distribution Networks Distribution Networks	
4	9/17 9/19	Distribution Networks Distribution Networks	Group Preference Form Due
5	9/24 9/26	Distribution Networks, Global Supply Chain Management Global Supply Chain Management	
6	10/1 10/3	Global Supply Chain Management Aggregate Planning and Forecasting	HW1*
7	10/8 10/10	Aggregate Planning and Forecasting Aggregate Planning and Forecasting	
8	10/15 10/17	Aggregate Planning and Forecasting Cycle Inventory	HW2*
9	10/22 10/24	Cycle Inventory Cycle Inventory	
10	10/29 10/31	MIDTERM EXAM Cycle Inventory	EXM**
11	11/5 11/7	Cycle Inventory Cycle Inventory, Safety Inventory	HW3*
12	11/12 11/14	Safety Inventory Safety Inventory	HW4*
13	11/19 11/21	Safety Inventory Safety Inventory, Product Availability	
14		THANKSGIVING BREAK (NO CLASSES)	
15	12/3 12/5	Product Availability Product Availability	HW5*
16	12/10 12/12	TBD / Graduate Student Projects Due READING DAY (NO CLASSES)	PROJ***
17	12/17	FINAL EXAM	EXF (8-11AM CT**)

* Assignments are due at 2:00PM CT on the date listed, but Gradescope will allow submissions without penalty until 5:00PM CT to accommodate any technical issues with the submission process

** The midterm exam (EXM) will take place during designated class time, and the final exam (EXF) has been scheduled according to University guidelines.

*** Graduate projects (PROJ) are completed only by graduate students who are enrolled for four hour credit hours. All project deliverables are due by 12:30PM CT on the designated day.