



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Operations Management
Course Number: MGT227

Required Materials

Textbook(s): Operations Management, William Stevenson, 2025, ISBN: 978126558994
Required Readings: Textbook, and all information in Brightspace
Additional Materials: All information in Brightspace

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

16-week Calendar	
Week	Chapter/Topic/Lab
1	Chapter 1: Introduction to Operations Management and Supply Chain Management, Chapter 1 Quiz, Chapter 1 SmartBook Review
2	Chapter 2: Competitiveness, Strategy, and productivity, Chapter 2 Quiz, Chapter 2 SmartBook Review, ABA Production Process, Start Project Part 1
3	Chapter 3: Forecasting, Chapter 3 Quiz, Chapter 3 SmartBook Review
4	Chapter 4: Product and Service Design, Chapter 4 Quiz, Chapter 4 SmartBook Review, AI Research Paper
5	Chapter 5: Strategic Capacity Planning for products and services, Chapter 5 Quiz, Chapter 4 SmartBook Review, ABA Process Layout
6	Chapter 6: Process Selection & Facility Layout, Chapter 6 Quiz, Project 1 Due, Chapter 6 SmartBook Review, Complete Project Part 1
7	Chapter 7: Work Design and Measurement, Chapter 7 Quiz, Chapter 7 SmartBook Review, Start Project Part 2
8	Chapter 8: Location Planning and analysis, Chapter 8 Quiz, Chapter 8 SmartBook Review
9	Chapter 9: Management of Quality, Chapter 9 Quiz, Chapter 9 SmartBook Review
10	Chapter 10: Quality, Chapter 10 Quiz, Project 2 Due, Chapter 10 SmartBook Review
11	Chapter 11: Aggregate Planning and master scheduling, Chapter 11 Quiz, Chapter 11 SmartBook Review, complete Project 2
12	Chapter 12: Inventory Management, Chapter 12 Quiz, Chapter 12 SmartBook Review, Start Project 3
13	Chapter 13: MRP and ERP, Chapter 13 Quiz, Chapter 13 SmartBook Review
14	Chapter 14: jit and lean Operations, Chapter 14 Quiz, Chapter 14 SmartBook Review

16-week Calendar	
Week	Chapter/Topic/Lab
15	Chapter 15: supply chain management, Chapter 15 Quiz, Chapter 15 SmartBook Review, ABA Supply Chain Management, Work On Project 3
16	Complete Project Part 3

8-week Calendar	
Week	Chapter/Topic/Lab
1	Chapter 1: Introduction to Operations Management and Supply Chain Management, Chapter 1 Quiz, Chapter 1 SmartBook Review Chapter 2: Competitiveness, Strategy, and productivity, Chapter 2 Quiz, Chapter 2 SmartBook Review, ABA Production Process, Start Project Part 1
2	Chapter 3: Forecasting, Chapter 3 Quiz, Chapter 3 SmartBook Review Chapter 4: Product and Service Design, Chapter 4 Quiz, Chapter 4 SmartBook Review, AI Research Paper
3	Chapter 5: Strategic Capacity Planning for products and services, Chapter 5 Quiz, Chapter 4 SmartBook Review, ABA Process Layout Chapter 6: Process Selection & Facility Layout, Chapter 6 Quiz, Project 1 Due, Chapter 6 SmartBook Review, Complete Project Part 1
4	Chapter 7: Work Design and Measurement, Chapter 7 Quiz, Chapter 7 SmartBook Review, Start Project Part 2 Chapter 8: Location Planning and analysis, Chapter 8 Quiz, Chapter 8 SmartBook Review
5	Chapter 9: Management of Quality, Chapter 9 Quiz, Chapter 9 SmartBook Review Chapter 10: Quality, Chapter 10 Quiz, Project 2 Due, Chapter 10 SmartBook Review
6	Chapter 11: Aggregate Planning and master scheduling, Chapter 11 Quiz, Chapter 11 SmartBook Review Chapter 12: Inventory Management, Chapter 12 Quiz, Chapter 12 SmartBook Review, Start Project 3
7	Chapter 13: MRP and ERP, Chapter 13 Quiz, Chapter 13 SmartBook Review Chapter 14: jit and lean Operations, Chapter 14 Quiz, Chapter 14 SmartBook Review
8	Chapter 15: supply chain management, Chapter 15 Quiz, Chapter 15 SmartBook Review, ABA Supply Chain Management, Complete Project Part 3