

Operations Management

Course Title	Operations Management		
Course Code	BUS325B	Course Type	Core Business
Credit	3	Contact Hours	45
Prerequisites	BUS110	Co-Requisites	None
Duration	15 weeks	Class Type	Lecture

SolBridge GACCS Objectives	%	Learning Objectives
1. Global Perspective	30	To provide students with a basic understanding of how to operate more effectively and efficiently in the global marketplace, quality management that have been developed in Asian industries, and the sustainable, environment-friendly operations in industries.
2. Asian Expertise	20	
3. Creative Management Mind	10	
4. Cross Cultural Communication	20	
5. Social Responsibility	20	

Course Description

The purpose of this course is to introduce students to the fundamental concepts and techniques of operations and supply chain management for both service and manufacturing organizations. It will address the role of operations in relation to other functions and the methods to increase organizational effectiveness and efficiency. Students will also learn quantitative methods used for solving operational issues in production planning and process design

Learning and Teaching Structure

The unit will be taught through readings and discussions in class. This type of course requires students to take responsibility for their own learning. Students must do all the reading and homework preparation before class and be present and participate actively in the classroom.

Assessment	%	Text and Materials
Attendance	20	Title: Operations Management in the Supply Chain Edition: 6th Edition Author(s): Schroeder, Goldstein, and Rungtusanatham Publisher: McGraw-Hill International Edition.
Midterm Examination	20	
Final Examination	20	
Quizzes	20	
Participant	10	
Homework Assignments	10	

Course content by Week

1	Syllabus & Introduction to the Course and the Operations Function
2	Operations and Supply Chain Strategy
3-4	Process Selection, Process-Flow Analysis, Quiz 1
5-7	Lean Thinking and Lean Systems, Service Quality, Quality Control and Improvement, Quiz 2
8	Midterm Exam (Chapters 1, 2, 4, 6, 7, 8, 8-1, 9)
9-10	Supply Chain Management, Forecasting, Capacity Planning
11	Scheduling Operations, Quiz 3
12-13	Project Planning and Scheduling Independent Demand Inventory
14	Material Requirements Planning and ERP, Quiz 4
15	Final Exam (Chapters 10, 11, 12, 13, 14, 15, 16)