

Operation Management

Course Title	Operation Management		
Course Code	BUS508	Course Type	Core
Credit	3	Contact Hours	45 Hours
Prerequisites	None	Co-Requisites	None
Duration	15 Weeks	Class Type	Lecture

SolBridge GACCS Objectives	%	Learning Objectives
1. Global Perspective	30	The purpose of this course is 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 course will be conducted using Blackboard, and all students must familiarize themselves with Blackboard usage. There will be no printed notes, and most of the distributed material will be in the electronic form with a few exceptions. All submissions by students will also be in the electronic form through Blackboard

Learning and Teaching Structure

The instructor will communicate with all students using the Moodle system and student SolBridge Domain e-mail IDs. It is the student's responsibility to update their e-mail addresses and access the messages when necessary.

Assessment	%	Text and Materials
Attendance	20	Chase and Jacobs. <u>Operations and Supply Management</u> : The Core. 2nd Edition, McGraw-Hill International Edition.
Participation	10	
In- class Problem-Solving	10	
Presentation	10	
Midterm Exam	20	
Final Exam	30	

Course content by Week	
1	Syllabus & Introduction to the Course
2	Operations and Supply Chain Management
3	Strategy and Sustainability; Strategic Capacity Management
4	Strategic Capacity Management
5	Quality Management and Six Sigma; Service Quality Management
6	Production Processes
7	Service Processes
8	Midterm Exam (Chapters 1, 2, 3, 4, 5, 6 and 6-1)
9	Projects
10	Lean and Sustainable Supply Chains
11	Demand Management and Forecasting
12	Inventory Control
13	Material Requirements Planning
14	Material Requirements Planning
15	Final Exam (Chapters 7, 10, 11, 13, and 14)