

Lincoln University
COURSE SYLLABUS

Course Name	Operations Management
Course Number	BA 307
Instructional Contact Hours/Credits	3 units
Prerequisite(s)	None
Co-requisites	None

Instructional Materials and References

Operations Management by Stevenson. 9th edition, ISBN978-0-07-319584-1, 2007

Course Description

The objective of this course is to prepare the student for management of core operations of an organization. It will review core operations of manufacturing product design, sourcing and purchasing, scheduling and control, productivity improvements and overall supply chain design and management. In the industry the course will review asset acquisition, business segments, and production planning, job design, and overall productivity analysis and improvement. (3 units)

Course Objectives

The student will complete all assignments by the due date and be prepared to discuss the assigned material for every class. By completing the course, students will be prepared for management of core operations of an organization. The course will review core operations of manufacturing product design, sourcing and purchasing, scheduling and control, productivity improvements and overall supply chain design and management. In the industry the course will review asset acquisition, business segments, and production planning, job design, and overall productivity analysis and improvement.

Learning Objectives

By completing the course, students will achieve a basic understanding of the knowledge necessary to manage the operational aspects of an enterprise.

Topical Outline

Current industrial best practices and operational issues. The study of various industries and their respective technologies.

Course Outline

Week 1	Chapter 1 Intro to Ops	Lecture, exercises
Week 2	Chapter 2 Competitiveness, Productivity	Lecture, exercises
Week 3	Chapter 3 Forecasting	Lecture, exercises
Week 4	Chapter 4 Product, Service design	Lecture, exercises
Week 5	Chapter 5 Capacity Planning	Exam #1
Week 6	Chapter 6 Process Selection and Facility layout	Lecture, exercises
Week 7	Chapter 7 Design of work systems	Lecture, exercises
Week 8	Chapter 8 Location Planning and analysis	Lecture, exercises
Week 9	Chapter 9 Management of Quality	Exam #2
Week 10	Chapter 10 Quality Control	Lecture, exercises
Week 11	Chapter 11 Inventory Management	Lecture, exercises
Week 12	Chapter 12 Aggregate Planning	Lecture, exercises
Week 13	Chapter 13 MRP and ERP	Lecture, exercises
Week 14	Chapter 14 JIT and Lean	Lecture, exercises
Week 15	Review	Exam#3

Note: This schedule will change according to the class progress and new materials made available by the instructor.

Instructional Methods

Lecture method is used in combination with supervised team projects and class exercises. Every lecture is highly interactive, student must be prepared to participate in and contribute to the subject being discussed. Class activities and oral reports will be frequent. Late assignments are not accepted. Any absence must be reported in advance. Inappropriate behavior during exams will earn an automatic grade of "F" for the class.

Assessment Criteria & Method of Evaluating Students

Exams, projects, presentations: 100%

90—100 %	A- to A
80—89	B- to B+
70—79	C- to C+
60—69	D- to D+
below 60	F

Date Syllabus was Last Reviewed: Jan 05, 2010