Lincoln University

Course Title	Production Management	Instructor: Walter Kruz
Course No.	BA 215	Contact: wrkruz@lincolnuca.edu
Units	3 (45 lecture hours)	Office Hours: Sat 12-12:30PM
Class Hours	Tues 6:30-9:15PM	
Semester	Fall 12	

Textbook:

Operations Management, by Stevenson.11th edition, ISBN 978-0-07-352525-1

Course Description:

A study of operational systems, models and techniques related to production planning and control, methods analysis, cost effectiveness inventory management, work scheduling, wage determination and general organization analysis.
Prerequisite: MATH 10

Learning Objectives:

By taking the course, students will learn three basic principles of modern operations management; supply chain management, product and service design, and quality management. Through additional materials and project work, students will become familiar with various industries and products of their interest.

Methodology:

This is a highly interactive learning environment. All students will participate in class discussions, research findings, and class exercises. Short oral presentations may also be assigned. Assignments will be given weekly and may consist of textbook exercises and research questions. Attendance is highly encouraged as exams include questions from class discussions.

Students will benefit from using a laptop and calculator although these devices are not allowed during exams.

Standards:

Standards for this class are similar to those found in professional organizations. All assignments are due on the date indicated and collected during the first 10 minutes of the class. Late assignments will not be collected or graded. Make-up exams are allowed only due to a documented medical excuse. Students are encouraged to study and work in groups for enhanced learning.

Project:

Project work is designed to familiarize students with an industry or product of their interest. Projects may be assigned individually or as a group project. If as a group, grade is the same for all members. Drafts may be evaluated on an agreed upon schedule during the semester. Final deliverable will be turned in as a hard copy. Plagiarism is not allowed; all sources must be referenced.

Testing:

Typically, the class will consist of two or three exams of equal weight throughout the semester. All exams are individual deliverables. They consist of short answers related to the material being discussed and some mathematical problems. The exam format is usually closed book with no electronic devices allowed.

Grading:

Quizzes, homework assignments, exams, and the project allow students to accumulate points throughout the semester. These are added and compared against the total possible as a percentage.

Exams and Project are typically worth 100 points each (~ 75% of the total points). Homework and quizzes from 5-10 points (~ 25% of the total points). Assuming that 2 exams, one project, and 10 homework assignments are given, this will mean a total possible of 400 points can be accumulated. The student grade will be calculated as follows:

Grade = Student's score / Total possible points = %

A final grade is then assigned as follows:

95—100%	A
90—94%	A-
87—89%	B+
84—86%	B
80—83%	B-
76—79%	C+
70—75%	C
66—69%	C-
60---65%	D
Less than 59%	F

Classroom Protocol:

Classroom protocol is similar to the one students will find in a professional environment. Students are expected to arrive on time and be prepared to participate. Laptop use is allowed only for a class purpose. No cell phones allowed.

Schedule:

This is a proposed schedule. It may change according to class progress or students interests.

Wk 1	Chapter 1 Intro to Ops, Class Project planning	Lecture, exercises,
Wk 2	Chapter 2 Competitiveness, Productivity	Lecture, exercises, Project research
Wk 3	Chapter 18 Waiting lines	Lecture, exercises, Project research
Wk 4	Chapter 3 Forecasting	Lecture, exercises, Project research
Wk 5	Review	Exam #1
Wk 6	Chapter 4, 4S Product and Service Design	Lecture, exercises, Project research
Wk 7	Chapter 11 Supply Chain Management	Lecture, exercises, Project research
Wk 8	Chapter 12 Inventory Management	Lecture, exercises, Project research
Wk 9	Review	Exam #2
Wk 10	Chapter 9 Management of Quality	Lecture, exercises, Project research
Wk 11	Chapter 10 Quality Control	Lecture, exercises, Project research
Wk 12	Chapter 14 MRP and ERP	Lecture, exercises, Project research
Wk 13	Chapter 15 JIT and Lean	Lecture, exercises, Project research
Wk 14	Chapter 6S Linear programming	Lecture, exercises
Wk 15	Review	Exam#3

Faculty Information:

Dr. Kruz is a full-time industry consultant. His expertise includes operations, engineering, systems integration, and project management in various industries. He actively conducts business research and is a member of various industry organizations.

Update:

July 27, 2012