Production Management (BA 215)

Spring 2011, Tuesday, Thursday 3:30pm – 6:15pm COURSE SYLLABUS

Credit: 3 units = 45 lecture hours

Instructor: Prof. Arthur Ashurov, Ph.D.

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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. (3 units)

Prerequisite: MATH 10

Required Textbook:

Operations Management, 10th Edition, William J. Stevenson; McGraw-Hill ISBN: 978-0-07-728409-1

Course Objectives:

The course objectives are the following:

- 1. Present to students the main principles and concepts of production management in both manufacturing and service organizations.
- 2. Introduce modern systems and approaches of managing operations in these organizations.
- 3. Motivate and train students to apply various quantitative and qualitative methods of managing operations.

Learning Outcomes:

- Develop and expand students' ability to understand and apply the concepts and applications of Production Management.
- Develop essential skills of managing and improving operations decisions in manufacturing and service organizations.
- Acquire working knowledge of a variety of methods and tools used in managing and improving operations decisions.

<u>Attendance:</u> Students are expected to attend each class section. If you cannot attend a class due to a valid reason, please notify the administration prior to the class.

Grading Policy:

Your grade will be determined as follows:

| Grade Structure | Points |
|-------------------------------------|---------|
| Team Presentation + Team Evaluation | 70 + 30 |
| Attendance | 30 |
| Participation in the Class | 70 |
| Exam 1 | 100 |
| Final Exam | 100 |
| Total Points | 400 |

Grades will be earned as follows:

| Points Earned | Letter Grade |
|---------------------------|--------------|
| 360- 400; 340-359 | A; A- |
| 320-339; 300-319; 280-299 | B+; B; B- |
| 260-279; 240-259; 220-239 | C+; C; C- |
| 180-219 | D |
| <180 | F |

Exams:

We will have two exams: midterm and final exam during the course of the semester. Exams will cover all assigned chapters, any additional readings or supplementary materials covered in class. The exams are **not** "open book" or "open notes".

Students for whom English is not a first language may use a dictionary during exams.

ABSOLUTELY NO MAKEUP TESTS AND PROJECTS ARE ALLOWED.

Other Comments:

- ➤ Please participate. What you put into the class will determine what you get out of it and what others get out of it.
- ➤ Please come on time. Late arrivals disturb everyone else. Attendance will be taken in 10-15 minutes after the beginning of each class.
- > Students may not read other materials (newspapers, magazines) during class.
- > Students are to remain in class during the entire session with the exception of breaks. Students are not allowed to come and go during class session.
- > If you miss a class, you are responsible for getting notes/slide printouts on the material covered from a classmate or the instructor.
- > To avoid distracting noise in class, cellular phones <u>must</u> be turned off or the ringing mode silenced.
- > All class participants are expected to exhibit respectful behaviors to other students and the instructor. All students have the right and privilege to learn in the class, free from harassment and disruption. Inappropriate or disruptive behavior will not be tolerated, nor will lewd or foul language.

The instructor reserves the right to change this syllabus.

Last Update: May 9th, 2011

CLASS SCHEDULE

| Date | Focus of Discussion | Reading Assignment |
|-------------|---|--------------------|
| Tue: 1/18 | Orientation via Syllabus. Introduction to | Ch. 1 |
| | Course. | Team Project |
| | Class Discussion: Chapter 1 | Assignment. |
| | | |
| Thu: 1/20 | Chapters 2, 4 | Ch. 2, 4 |
| T 1/27 | CI 4.5 | |
| Tue: 1/25 | Chapters 4, 5 | Ch. 4, 5 |
| Thu: 1/27 | Chapters 5, 6 | Ch. 5, 6 |
| 111u. 1/2/ | Chapters 3, 6 | Cii. 3, 6 |
| Tue: 2/01 | Chapters 6, 9 | Ch. 6, 9 |
| 1 40. 2/01 | Chapters 6, 7 | CII. 0, 7 |
| Thu: 2/03 | Chapters 9, 10 | Ch. 9, 10 |
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| Tue: 2/08 | Chapter 10 | Ch.10 |
| | Midterm Exam Review | |
| Thu: 2/10 | Midterm Exam (Chapters 1-10) | |
| | | |
| Tue: 2/15 | Chapter 11 | Ch.11 |
| Thu: 2/17 | Ch 11 12 | Cl. 11 12 |
| 1 nu: 2/1 / | Chapters 11, 12 | Ch.11, 12 |
| Tue: 2/22 | Chapters 12, 15 | Ch.12, 15 |
| 1 dc. 2/22 | Chapters 12, 13 | CII.12, 13 |
| Thu: 2/24 | Chapters 15, 16 | Ch.15, 16 |
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| Tue: 3/01 | Chapter 16 | Ch.16 |
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| Thu: 3/03 | Project: Team Presentation + Team | |
| | Evaluation. Final Exam Review. | |
| Tue: 3/08 | Final Exam. | |
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NOTE: This schedule may be subject to change.

Last Update: May 9th, 2011