
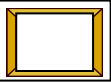









READING MATERIAL	
Code*	Description
	NA
.....
.....
.....
.....
* TB : Text Book RB: Reference Book ST: Standards / Codes LN: Lecture Notes	

SUPPLEMENTARY MATERIAL	
Code*	Description
...OS...	Slides
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
*PR: Periodical Audio Cassette SW: Software VT: Video Tape OS: Overhead Slide MD: Model AC:	

EDUCATIONAL RESOURCES

								
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

LECTURE SCHEDULE			
Lecture			Description
#	Week	Hrs	
1	1	2	Introduction to Production Planning and Control
2	2	2	Quality Control: Inspection
3	3	2	Quality Control: Statistical process control (Control charts for variables)
4	4	2	Quality Control: Statistical process control (Control charts for attributes)
5	5	2	Quality Control: Process Capability
6	6	2	Inventory Management: Economic Order Quantity Models (EOQ)
7	7	2	7 th week exam
8	8	2	Inventory Management: Reorder Point (ROP) and Quantity Discounts
9	9	2	Aggregate Planning: Techniques for Aggregate Planning
10	10	2	Aggregate Planning: Master Scheduling
11	11	2	Material Requirements Planning (MRP)
12	12	2	12 th week exam , Material Requirements Planning (MRP) (continued)
13	13	2	Scheduling: Loading
14	14	2	Scheduling: Sequencing
15	15	2	Scheduling: Sequencing Jobs through Two Work Centers
16	16	2	Final exam

TEXT BOOKS	
Code*	Description
	Williams J. Stevenson: Operations Management, 8 th edition

REFERENCE BOOKS	
Code*	Description
.....	NA

TUTORIAL SCHEDULE			
Tutorial			Topic
#	Week	Hrs	
1	1	2	Discussing the introduction to Production Planning and Control
2	2	2	Quality Control: explaining Inspection process and control process elements
3	3	2	Quality Control: Application on Control charts for variables
4	4	2	Quality Control: Application on Control charts for attributes
5	5	2	Quality Control: Application on Process Capability
6	6	2	Inventory Management: Application on Economic Order Quantity Models (EOQ)
7	7	2	Solving 7 th week exam as model answer
8	8	2	Application to Reorder Point (ROP) and Quantity Discounts
9	9	2	Aggregate Planning: Application on Techniques for Aggregate Planning
10	10	2	Aggregate Planning: Application on Master Scheduling
11	11	2	Application on Material Requirements Planning (MRP)
12	12	2	Solving 12 th week exam , Application on Material Requirements Planning (MRP)
13	13	2	Scheduling: Application on Loading
14	14	2	Scheduling: Application on Sequencing
15	15	2	Scheduling: Application on Sequencing Jobs through Two Work Centers

LABORATORY WORKSHOP SCHEDULE

Laboratory				Description
#	Week	Hrs.	Code	
...NA.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

COMPUTER USAGE

.....NA.....
.....
.....
.....

GRADING AND ASSESSMENT METHOD

Week #	Points	Written	Attendance	Term Paper	Continuous	Thesis				
7	30	30								
12	20	20								
1-15	10		10							
16	40	40								

Prepared by:

Designation

Name Dr. Amr Abd El Aziz

Sign 

Date 1/9/2010

Approved by:

Designation

Name Dr. Amr Abd El Aziz

Sign 

Date 1/9/2010

COURSE FILE SUMMARY

COURSE INFORMATION			
College / Institute / Center	Management and technology	Department	Financial Management and Accounting
Programme Title	Bachelor of Business Administration	Programme Code	
Course Title	Production Planning and Control	Course Code	E A435
# Hours	----2-----	-----2-----	-----3-----
	Lecture	Lab / Tutorial	Credit
Pre Requisites : Production Operations Management (E A321)			

COURSE AIM

The materials in this course are intended as an introduction to the field of production planning and control. The subjects matter incorporates concepts from general management, accounting, marketing, and industrial engineering. The topics covered, include both strategic issues and practical applications. Among the topics included in this course are quality control, inventory management, aggregate planning, MRP, production scheduling.

COURSE OBJECTIVES

The objective of this course is to provide a clear presentation of the concepts, tools, and applications of the field of production planning and control. It introduce the quantitative models that help the decision makers in the decision making process. By this course the students will learn how to formulate and solve different quantitative models.

STAFF REQUIREMENTS

	Qualifications	Special Skills	Number
Lectures	PhD	—	
Tutorials	Bachelor		
Laboratories / Workshops			