
SYLLABUS

Date/ Revision April 17, 2017
Faculty Business and Social Sciences
Approval Dean of the Faculty of Business & Social Sciences

SUBJECT : SEMINAR IN OPERATION MANAGEMENT

1. Identification of Subject:

Name of Subject : Seminar in Operation Management
Code of Subject : SEOM-4000
SKS/ECTS : 3 SKS
Semester : 5/6/7/8
Study Program : B-AVM/B-IBA/B-MGT
Lecturers : Ir. Invanos Tertiana, MBA, Norman Yachya, MBA, Ficky Alkarim,
MSc, Dr. I Made Artika, Dr. Satiri, Dr. Wiryawan & Dr. Samuel
Prasetya

2. Competency

After having the course, students are expected to:

- Explain and critically discuss Competitiveness, Strategy, and Productivity
- Integrate Strategic Capacity Planning for Products and Services
- Assess the Aggregate Planning and Master Scheduling
- Explain the Supply Chain Management

3. Description of Subject:

Students conduct qualitative or quantitative research on a topic in operation management, such as strategic operation management, productivity, efficiency and effectively. Field research principally includes interviews with labor employees.

4. Learning Approach

Approach : Combination of expository - inquiry and collaborative
Method : Discussions, questions/answers, sample problems/cases
Student Task : Quizzes and group projects
Media : LCD projector

5. Evaluation

a) Non-attendance maximum : 25%
b) Homework/Projects : 20 points
c) Presentation, Simulation : 10 points
d) Quiz : 10 points
e) Final Examination : 60 points
 Total : 100 points

6. Contents/Topics of Lecturing:

Week	Content / Topics of Lecturing	Text Book Chapter	Remark
1	Introduction to Operations Management <ul style="list-style-type: none"> Basic concept of Operation Management The scope of seminar in Operation Management 	Chapter 1	
2	<ul style="list-style-type: none"> Competitiveness, Strategy, and Productivity Forecasting 	Chapter 2	Find articles on this subject
3	<ul style="list-style-type: none"> Product and Service Design Strategic Capacity Planning for Products and Services 	Chapter 3	Find articles on this subject
4	SEMINAR		
5	<ul style="list-style-type: none"> Process Selection and Facility Layout Work Design and Measurement 	Chapter 4	Find articles on this subject
6	<ul style="list-style-type: none"> Location Planning and Analysis Management of Quality 	Chapter 5	Find articles on this subject
7	SEMINAR		
8	Semester Break: Only Make-Up Classes		
9	<ul style="list-style-type: none"> Quality Control Aggregate Planning and Master Scheduling 	Chapter 6	Find articles on this subject
10	<ul style="list-style-type: none"> MRP and ERP Inventory Management 	Chapter 7	Find articles on this subject
11	SEMINAR		
12	<ul style="list-style-type: none"> JIT and Lean Operations Supply Chain Management 	Chapter 8	Find articles on this subject
13	<ul style="list-style-type: none"> Scheduling Project Management 	Chapter 9	Find articles on this subject
14	SEMINAR		
15	<ul style="list-style-type: none"> Project Management Linear Programming 	Chapter 10	Find articles on this subject and submit the assignment on final exam
16	Semester Break: Only Make-Up Classes		
17	Final Examination		

7. Book Reference:

a) Main Textbook

William J. Stevenson, Operations Management, 11th edition, McGraw-Hill

b) Supplement Articles

Various online journal articles