

**Kainan University Department of Business and  
Entrepreneurial Management**

**Syllabus for Production and Operations Management**

semester: fall

year: 2007

Course Code No.	Course Title	Instructor	Subject	Level of Course	Credits	Hours per Week
101070500	Chinese: 生產與作業管理	Chen Lin	<input checked="" type="checkbox"/> required <input type="checkbox"/> elective	Year: 3 Class: A	3	3
	English: Production and Operations Management	Course Prerequisites	Management			
Teaching Goals and Content	Management technical plan for the production commodity, coordination and execution which the production work of management which or serves in the whole activity process contains, this curriculum goal is teaches the student business planning production and the work management system basic theory and the utilization. This curriculum teaches the technology to include: The demand forecast, the product and the service design, produces can plan, the material demand plan, the enterprise resources plan, the platoon regulation, prompt is systematic and the fine solid production, the procedure choice and the facility arrangement, the inventory management, the limit theory, the supply chain management, the quality control, the operation manages and produces the work achievements analysis and the control and so on.					
Teaching Methods	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> practical training <input checked="" type="checkbox"/> discussion <input checked="" type="checkbox"/> question-and-answer <input type="checkbox"/> other (details _____)					
Grading and Evaluation Criteria	midterm __20__%      final __30__%      class participation __20__% other __30__% (details _____ presentation _____)					
Textbooks	(author, title, edition, publisher, place of publication, year of publication, pages covered)					
	李友錚, 作業管理:創造競爭優勢, 前程文化公司, 三版, 2007年8月。 Stevenson, William J. (2005), Introduction to Operations Management, McGraw-Hill					
Course Description (including outline and course schedule):						



- 1 Introduction to POM
- 2 Competitiveness, Strategy, and Productivity
- 3 Forecasting
- 4 Product and Service Design
- 5 Strategic Capacity Planning for Products and Services
- 6 Material Requirement Planning (MRP)
- 7 Enterprise Resource Planning (ERP)
- 8 Just in Time(JIT) and Lean production
- 9 Midterm Examination
- 10 Theory of Constrains (TOC)
- 11 Process Selection and Facility Layout
- 12 Inventory Management
- 13 Management of Quality
- 14 Scheduling
- 15 Logistics Management
- 16 Supply Chain Management
- 17 Production /Operation Performance Analysis and Control
- 18 Final Examination

Instructions:

5. Teachers should fill out this form before the semester begins. After it has been verified by the curriculum committee, the original should be given to the office of curriculum planning and a copy to the head of the department to which the course belongs. In addition, the teacher should explain this syllabus to students at the beginning of a semester.
6. This form was approved by the curriculum committee on April 23, 2002.

Jyh-Liang Vincent Guan

signature of the convener of the curriculum committee

Chen Lin

signature of the teacher

