

南台科技大學 103 學年度第 1 學期課程資訊

課程名稱	生產與作業管理
課程編碼	N0M00801
系所代碼	0N
開課班級	碩商管國際二甲
開課教師	朱大中 李順來
學分	3.0
時數	3
上課節次地點	四 2 3 4 教室 D105
必選修	必修
課程概述	The objective of this course is to introduce students the principles and concepts of operations management. Questions and discussions are welcome in the class.
課程目標	At the end of this course, students will be able to learn and understand the concepts of forecasting, product & service design, capacity planning, management of quality & quality control, inventory management, scheduling, supply chain management, and project management, and their applications.
課程大綱	<p>Topics for this course include, but not limited to:</p> <ol style="list-style-type: none"> 1. Introduction <ol style="list-style-type: none"> a. Operations management b. Competitiveness, strategy, and productivity 2. Forecasting 3. System design <ol style="list-style-type: none"> a. Product & service design b. Capacity planning c. Facilities planning d. Work measurement e. Location selection 4. Quality <ol style="list-style-type: none"> a. Quality management b. Quality control 5. Inventory management & Scheduling <ol style="list-style-type: none"> a. Inventory management b. MRP and ERP c. JIT and Lean production d. Scheduling 6. Supply chain management 7. Project management 8. Waiting lines

英文大綱	<p>Topics for this course include, but not limited to:</p> <ol style="list-style-type: none"> 1. Introduction <ol style="list-style-type: none"> a. Operations management b. Competitiveness, strategy, and productivity 2. Forecasting 3. System design <ol style="list-style-type: none"> a. Product & service design b. Capacity planning c. Facilities planning d. Work measurement e. Location selection 4. Quality <ol style="list-style-type: none"> a. Quality management b. Quality control 5. Inventory management & Scheduling <ol style="list-style-type: none"> a. Inventory management b. MRP and ERP c. JIT and Lean production d. Scheduling 6. Supply chain management 7. Project management 8. Waiting lines
教學方式	
評量方法	
指定用書	Operations Management
參考書籍	<ol style="list-style-type: none"> 1. Operations Management, 10th Edition, by Chase, Jacobs and Aquilano, McGraw Hill 2. Methods, Standards, and Work Design, 11th Edition, by Niebel and Freivalds, McGraw Hill
先修科目	
教學資源	
注意事項	
全程外語授課	1
授課語言 1	英語
授課語言 2	

輔導考照 1	
輔導考照 2	