

南臺科技大學 106 學年度第 1 學期課程資訊

課程代碼	65D00G01
課程中文名稱	生產與作業管理
課程英文名稱	Production and Operations Management
學分數	3.0
必選修	必修
開課班級	四國際商務三甲
任課教師	朱大中
上課教室(時間)	週四第 6 節(D101) 週四第 7 節(D101) 週四第 8 節(D101)
課程時數	3
實習時數	0
授課語言 1	英語
授課語言 2	
輔導考照 1	
輔導考照 2	
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.
先修科目或預備能力	
課程學習目標與核心能力之對應	<p>※編號，中文課程學習目標，英文課程學習目標，對應系指標</p> <p>-----</p> <p>1.電腦應用技能，Can improve computer application skills, 2 電腦應用技能 2.資料分析能力，Can improve data analysis ability, 4 資料分析能力 3.整合協調溝通，Can improve ability of integrating coordination and communication, 7 整合協調溝通 4.邏輯思考能力，Can improve logical thinking ability, 12 邏輯思考能力 5.主動負責學習，Can improve ability of proactively responsible learning, 13 主動負責學習</p>
中文課程大綱	<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

	<ul style="list-style-type: none"> c. Facilities planning d. Work measurement e. Location selection 4. Quality <ul style="list-style-type: none"> a. Quality management b. Quality control 5. Inventory management & Scheduling <ul 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/日文課程大綱	<p>Topics for this course include, but not limited to:</p> <ul style="list-style-type: none"> 1. Introduction <ul style="list-style-type: none"> a. Operations management b. Competitiveness, strategy, and productivity 2. Forecasting 3. System design <ul style="list-style-type: none"> a. Product & service design b. Capacity planning c. Facilities planning d. Work measurement e. Location selection 4. Quality <ul style="list-style-type: none"> a. Quality management b. Quality control 5. Inventory management & Scheduling <ul 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
課程進度表	<p>Week 1:Introduction</p> <p>Week 2-4:Forecasting</p>

	<p>Week 5-6: System Design</p> <p>Week 7-8: Quality Management</p> <p>Week 9: Midterm Exam</p> <p>week 10-11: Quality Control</p> <p>Week 12: Inventory management</p> <p>week 13-15: Inventory Control</p> <p>Week 15: MRP</p> <p>Week 16: JIT and Lean production</p> <p>Week 17: Scheduling & Supply chain management</p> <p>Week 18: Final Exam</p>
教學方式與評量方法	<p>※課程學習目標，教學方式，評量方式</p> <p>-----</p> <p>電腦應用技能，課堂講授，作業</p> <p>資料分析能力，課堂講授，筆試</p> <p>整合協調溝通，課堂講授，作業</p> <p>邏輯思考能力，課堂講授，筆試</p> <p>主動負責學習，課堂講授，筆試</p>
指定用書	<p>書名：Operations Management</p> <p>作者：William J. Stevenson</p> <p>書局：McGraw-Hill</p> <p>年份：2014</p> <p>ISBN：9789863411482</p> <p>版本：12</p>
參考書籍	
教學軟體	
課程規範	