

南臺科技大學 106 學年度第 2 學期課程資訊

課程代碼	1GM00301
課程中文名稱	高等作業管理
課程英文名稱	Advance Operations Management
學分數	3.0
必選修	必修
開課班級	博研經管一甲
任課教師	施武榮 李順來
上課教室(時間)	週四第 6 節(E0610) 週四第 7 節(E0610) 週四第 8 節(E0610)
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 guide students in the advance study of operations management. Articles regarding the practices and theory of operations management are addressed and discussed 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	
中文課程大綱	<p>The class engages a seminar on the topics of operations management in enterprises. The topics include, but not limited to:</p> <ol style="list-style-type: none"> 1. Operations management - Competitiveness, strategy, and productivity 2. System, Product and service design 3. Forecasting and Capacity planning 4. Facilities and Location planning 5. Quality management 6. Inventory management 7. Scheduling 8. JIT and Lean production 9. MRP and ERP 10. Supply chain management
英/日文課程大綱	The class engages a seminar on the topics of operations management in

	<p>enterprises. The topics include, but not limited to:</p> <ol style="list-style-type: none"> 1. Operations management - Competitiveness, strategy, and productivity 2. System, Product and service design 3. Forecasting and Capacity planning 4. Facilities and Location planning 5. Quality management 6. Inventory management 7. Scheduling 8. JIT and Lean production 9. MRP and ERP 10. Supply chain management
課程進度表	<p>Course Schedule:</p> <p>Week 1. Introduction</p> <p>Week 2. Operations management - Competitiveness, strategy, and productivity</p> <p>Week 3. Forecasting and Capacity planning</p> <p>Week 4. Process Selection and Facility Layout</p> <p>Week 5. Work Design and Measurement</p> <p>Week 6. Quality management</p> <p>Week 7. Quality Control</p> <p>Week 8. Aggregate Planning and Master Scheduling</p> <p>Week 9. MRP & ERP</p> <p>Week 10. Midterm</p> <p>Week 11. Inventory management</p> <p>Week 12. JIT and Lean production</p> <p>Week 13. Supply chain management 1</p> <p>Week 14. Supply chain management 2</p> <p>Week 15. Scheduling</p> <p>Week 16. Project Management</p> <p>Week 17. Industrial 4.0</p> <p>Week 18. Final</p>
教學方式與評量方法	
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：2013</p> <p>ISBN：978-986-157-977-1</p> <p>版本：11th</p>

參考書籍	
教學軟體	
課程規範	