

南台科技大學 100 學年度第 1 學期課程資訊

課程名稱	供應鏈管理專題
課程編碼	D0M02301
系所代碼	0D
開課班級	碩研行流二甲
開課教師	黃仲正
學分	3.0
時數	3
上課節次地點	四 2 3 4 教室 T0214
必選修	選修
課程概述	This graduate level course provides frameworks and models to design manufacturing systems and supply chains. And, the course provides exposure to key tactics and issues as they arise in system design. Uses lectures (focus upon quantitative analysis), computer exercises, and case discussions to introduce various models and methods for decision support for network design and location, capacity planning and flexibility, make-buy, and integration with product development in supply chains.
課程目標	The course objectives are to give students a managerial knowledge of basic supply chain management concepts and principles by studying the theory of management and technology and case studies to explore and experience in efficient supply chain management.
課程大綱	<ol style="list-style-type: none"> 1. 供應鏈簡介 2. 需求規劃與預測 3. 供應鏈存貨規劃與管理 4. 供應鏈網路規劃與設計 5. 供應鏈運輸管理 6. 供應鏈資訊系統 7. 供應鏈整合 8. 供應鏈績效 9. 供應鏈與設計鏈作業參考模式 10. 供應鏈協調與協同作業 11. 創新與創意供應鏈 12. 供應鏈管理的解決方案與個案研究
英文大綱	<ol style="list-style-type: none"> 1. Introduction to supply chain 2. Demand planning and forecasting 3. Planning and managing supply chain inventory 4. Supply chain network planning and designing

	<p>5. Supply chain transportation</p> <p>6. Supply chain information</p> <p>7. Supply chain integration</p> <p>8. Supply chain performance measurements</p> <p>9. SCOR and DCOR</p> <p>10. Supply chain coordination and collaboration</p> <p>11. Innovation and creativity in supply chains</p> <p>12. Supply chain management solutions: case studies</p>
教學方式	課堂教授,分組討論,口頭報告,專題演講,實務操作,
評量方法	自行設計測驗,作業/習題練習,實作評量,口頭報告,課堂討論,課程參與度(出席率),專題演講
指定用書	供應鏈管理, ISBN: 9789861549958, 4版, 2010, 滄海書局
參考書籍	<p>1. Chopra, S. and P. Meindl, Supply Chain Management: Strategy, Planning and Operations, ISBN-13:9780136094517, Pearson-Prentice Hall, 4th Ed., 2010. (東華書局代理)</p> <p>2. Shapiro, J. F., Modeling the Supply Chain, ISBN-13:978-0495126096, South-Western College Pub, 2nd Ed., 2006.</p> <p>3. Simchi-Levi, D, P. Kaminsky, and E. Simchi-Levi, Designing and Managing the Supply Chain : Concepts, Strategies, and Case Studies, ISBN: 0072357568, Irwin/McGraw-Hill; International Editions, 3rd Ed., 2007.</p>
先修科目	Prerequisite: Logistics Management, Operations Research, & Marketing Management
教學資源	<p>Software:</p> <ol style="list-style-type: none"> 1. Microsoft Excel, Linear Programming, Forecasting; 2. Lindo & Lingo by Lindo Inc., Student Edition (Freeware); <p>Hardware:</p> <p>Project, Notebooks, PCs</p>
注意事項	<p>1. Classes will be as interactive as possible. Everyone is expected to participate in class on time and to prepare by reading the appropriate chapters and/or papers prior to the class meeting.</p> <p>2. All homework and assignment reports have to be in electronic format and submitted to STUT eLearning system (http://my.stut.edu.tw) on time.</p>
全程外語授課	0
授課語言 1	華語
授課語言 2	英語
輔導考照 1	
輔導考照 2	

