



課 綱 Course Outline
企業管理學系學士班

中文課程名稱 Course Name in Chinese		生產計劃與排程				
英文課程名稱 Course Name in English		Production Planning and Scheduling				
科目代碼 Course Code		GSLM51900	班 別 Degree	學士班 Bachelor' s		
修別 Type		學程 Program	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite						
課程目標 Course Objectives						
提供對生產管理進一步研究之課程。						
系教育目標 Dept.' s Education Objectives						
1	培養具國際觀初階經理能力之人才 To develop elementary managerial talent with an international perspective					
2	培養符合企業專業資訊管理需求能力之人才 To develop talent with information management capabilities required by business firms					
3	培養探索專業創新思維能力之人才 To develop talent with professional-based innovative thoughts					
4	培養結合理論與本土實務經營應用能力之人才 To develop talent with capabilities to integrate theory and practice					
系專業能力 Basic Learning Outcomes				課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.' s Education Objectives		
A	具備企業管理理論體系的基礎知識 With core knowledge of theories related to business management			●		
B	具備邏輯思考、問題分析與問題解決的能力 With capabilities of logical thinking, issue analyzing, and problem solving			●		
C	具備領導、溝通協調與團隊合作的能力 With capabilities of leading, communicating, coordinating, and collaborating in teams			○		

D	具備國際視野以及外語溝通的能力 With international perspectives and communication capabilities in foreign language	
E	善用資訊科技進行資訊蒐集、資料分析與統整 With capabilities of data collecting, data analyzing and summarizing using IT applications	●
F	能夠從事企業經營方案和管理制度的設計與評估 With capabilities of designing and evaluating business plans and management-related systems	○
G	對於企業倫理及專業倫理有正確的認知與堅持 With appropriate perception and persistence towards business ethics	○

圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated

課程大綱 Course Outline	
The course provides the concepts and analytic methods of production planning and scheduling, including the topics of master scheduling, material requirements planning, job scheduling, buffering for uncertainty, capacity management, measures of performance, single-machine sequencing, flow shop scheduling the job shop problem, and priority dispatching.	
資源需求評估（師資專長之聘任、儀器設備的配合．．．等） Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)	
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods	
1.The class will be in a lecture orientation. 2.Cases and contemporary research directions will be discussed in the class. 3.Questions and discussions during the class are encouraged.	
其他 Miscellaneous	