

102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	國際運籌管理	Serial No. / ID	2708 / IBM3068
Dept.	國際企業管理學系	School System / Class	大學日間部3年1班
Lecturer	洪朝陽	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(四)234 / D007	Language	Chinese

Introduction

The objectives of this course focus on the global supply chain will be discussed, e.g. building strategic framework of the SC, designing the SC, planning demand and supply in the SC, inventory planning, sourcing, transporting, pricing of products, coordination and technology in the SC.

Outline

1. Understanding the supply chain
2. Supply chain performance
3. Designing the distribution network in a supply chain
4. Network design in the supply chain
5. Network design in an uncertain environment
6. Demand forecasting in a supply chain(1)
7. Demand forecasting in a supply chain(2)
8. Aggregate planning in the supply chain
9. Middle exam
10. Managing Economies of Scale in a Supply Chain: Cycle Inventory (1)
11. Managing Economies of Scale in a Supply Chain: Cycle Inventory (2)
12. Managing Uncertainty in a Supply Chain: Safety Inventory (1)
13. Managing Uncertainty in a Supply Chain: Safety Inventory (2)
14. Transportation in a Supply Chain
15. Determining optimal level of product availability
16. Coordination in a Supply Chain
17. Final report
18. Final exam

Prerequisite

None