

EBA421 课程大纲

- 1、2022 秋季学期 (2-10页码)
- 2、2023 秋季学期起 (11-18页码)

课程详述

COURSE SPECIFICATION

以下课程信息可能根据实际授课需要或在课程检讨之后产生变动。如对课程有任何疑问，请联系授课教师。

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	课程名称 Course Title	管理学前沿与实践 II Management Frontiers and Practices II
2.	授课院系 Originating Department	信息系统与管理工程系 Department of Information Systems & Management Engineering
3.	课程编号 Course Code	EBA421
4.	课程学分 Credit Value	3
5.	课程类别 Course Type	专业选修课 Major Elective Courses
6.	授课学期 Semester	秋季 Fall
7.	授课语言 Teaching Language	英文 English
8.	授课教师、所属学系、联系方式 (For team teaching, please list all instructors)	刘黎明, 信息系统与管理工程系, 13530099854, liulm3@sustech.edu.cn Liming Liu, Department of Information Systems & Management Engineering
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	待公布 To be announced
10.	选课人数限额(可不填) Maximum Enrolment (Optional)	25

11. 授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other (Please specify)	总学时 Total
学时数 Credit Hours	32		32		64
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无 None				
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	无 None				
14. 其它要求修读本课程的学系 Cross-listing Dept.	无 None				

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

本课程旨在帮助学生 (1) 学习供应链管理的基本概念、战略问题、理论框架、实用方法和技术; (2) 了解电子商务模式与供应链和物流战略的关系; (3) 培养分析电子商务环境, 以及确定合适的供应链和物流解决方案的能力。

The course aims to help students to (1) learn the basic concepts, strategic issues, theoretical frameworks, and practical methods and techniques of supply chain management; (2) understand the relationship between e-business models and supply chain and logistics strategies; (3) develop the ability to analyze e-business environment and identify appropriate supply chain and logistics solutions.

16. 预达学习成果 Learning Outcomes

学习本课程后, 学生将能够:

1. 了解物流和供应链管理对组织竞争力和电子商务的重要性
2. 了解供应链中材料、信息和资金流动的动态
3. 掌握基本的库存管理模型, 并能将其应用于供应链问题
4. 整合供应链金融与供应链物流
5. 了解供应链中的关键问题, 包括信息流和价值、分散供应链的低效率、协调、联盟、供应策略、分销策略和供应链整合
6. 将电子商务模式与物流和供应链解决方案连接起来
7. 应用定量和定性工具和模型来分析基本的供应链设计问题和决策

On successful completion of this course, students will be able to:

1. understand the importance of logistics and supply chain management to the competitiveness of organization and to eBusiness
2. understand the dynamics of material, information, and financial flows in supply chains
3. master basic inventory management models and be able to apply them in supply chain problems
4. integrate supply chain finance with material flow in supply chains
5. understand key issues in supply chains including information flow and value, inefficiencies in decentralized supply chains, coordination, alliance, supply strategies, distribution strategies, and supply chain integration
6. connect e-business models with logistics and supply chain solutions
7. apply quantitative and qualitative tools and models to analyze basic supply chain design issues and decisions

17. 课程内容及教学日历（如授课语言以英文为主，则课程内容介绍可以用英文；如团队教学或模块教学，教学日历须注明主讲人）

Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

理论与实践课（64 学时）

理论（32 学时）

1. 物流及供应链管理引言/介绍（4 学时）

介绍并定义物流及供应链，介绍物流作为一个组织（公司）创造价值的一个重要功能、供应链是产品和服务的价值竞争的基本平台。讨论供应链的各种模式。定义供应链管理，介绍供应链管理的各要素、工具、及技术。

2. 供应链中的物流和资金流（2 学时）

讨论供应链中上游至下游的物流流动及滞留、流速、流动周期，物流与资金流的关系，物流效益评估及其对公司财务效益的影响

3. 供应链金融（4 学时）

现金流，现金至现金周期与供应链金融。供应链中的核心企业，预支款融资，库存融资，应收款融资，第三方物流融资。

4. 供应链中的信息流（4 学时）

供应链中的上行及下行信息。信息的价值，信息的不确定性，信息传递中的牛鞭效应、产生因由及应对措施

5. 电商模型和供应链（4 学时）

电商的核心竞争力。物流整合模式，供应链融合模式，B2C and B2B 的物流及供应链解决方案，平台模式

6. 供应链协调及供应合同（4 学时）

分散型供应链决策的低效率性。零售商订货量博弈，交货期及价格博弈，双重边际效应，采购量合同，回购合同。

7. 供应链融合（2 学时）

供应链融合策略，下行推动式供应链，上行拖动式供应链，推-拖动式供应链

8. 分送分销系统及策略（4 学时）

直接配送与中间库存点策略，交叉配送模式，库存共享策略

9. 战略联盟（2 学时）

战略联盟的框架，第三方物流联盟，销售商与供应商关系

10. 课程项目报告（2 学时）

小组项目报告及讨论，第一节

实践（32 学时）

1. 物流及供应链管理实践介绍（4 学时）

讨论实践中物流的各种形态及创新，介绍公司物流实践、即进货、生产线、及出货物流，讨论物流企业及物流行业。介绍供应链的形成及演变，供应链中的物流，资金流，及信息流。供应链中的个体及相互关系

2. 实践中的物流和资金流（2 学时）

介绍供应链实体中上至下游物资流动的各种形态，流速和流动周期的计算，排队论中利特公式及其应用，历史上著名公司因物流效益的高低而兴旺和衰落。

3. 供应链金融实践（4 学时）

供应链各实体现金至现金周期紧缩趋势造成资金流及供应链的紧张和撕裂。供应链各企业强弱不均的挑战与机遇，供应链关键企业在供应链金融中的作用。供应链融资策略与方式及其对企业现金流周期的影响。供应链金融案例

4. 供应链实践中信息传递（4 学时）

牛鞭效应实验。供应链信息案例

5. 实践中的电商与供应链（4 学时）

新兴电商概览。课程项目选题、讨论指导

6. 供应链协调研究（4 学时）

论文研究：定制产品的零售商与制造商间博弈。课程项目讨论与推进

7. 供应链融合研究（2 学时）

论文研究：拖还是推-拖？(具体文章待定)

8. 配送分销实践（4 学时）

案例研究，课程项目讨论及推进

9. 战略联盟实践（2 学时）

案例研究

10. 课程项目报告 (2 学时)

小组项目报告, 第二节

Lecture and Practice (64 hours)

Lecture (32 hours)

1. Introduction to Logistics and supply chain management (4 hours)

Introduce and define logistics and supply chains. Competitive advantage, value competition by service and logistics. Discuss various supply chain modes and supply chain as a platform for value competition of products and services. Define supply chain management, and introduce the key elements、the tools、and the technics of supply chain management.

2. Material and financial flows in supply chains (2 hours)

Discuss how materials flow from upstream to downstream in supply chains, flow time, speed, and turnover cycle. The relation between material flow and financial flow. Performance measure of material flow and how it affects the company's financial performance

3. Supply chain finance (4 hours)

Cash to cash cycle and supply chain finance. Pivot company in supply chains, advance payment financing. Inventory financing, account receivable financing. 3rd party logistics company financing.

4. Information in supply chains (4 hours)

Upwards and downwards information flows, value of information. Uncertainty in information, Bullwhip effect in supply chain, causes and counter actions

5. eBusiness models and supply chains (4 hours)

Core competence of eBusiness. Logistics consolidation and supply chain integration, B2C and B2B solutions; B2B platform eBusiness

6. Supply chain coordination and supply contracts (4 hours)

Inefficiencies in decentralized supply chains, retailer order quantity game, gaming in lead time and price: double marginalization

7. Supply chain integration (2 hours)

Supply chain integration strategies, push, pull, and push-pull supply chains

8. Distribution strategies (4 hours)

Direct shipment and intermediate inventory storage point, cross-docking, inventory pooling

9. Supply chain alliance (2 hours)

Framework for strategic alliance. Third party logistics, retailer and supplier relationship

10. Project presentation (2 hours)

Group project presentation and discussion, session 1

Practice (32 hours)

1. Logistics and supply chain management practice, Introduction (4 hours)

Discuss various forms and innovations of logistics in practice. Discuss practical company logistics, including in-bound, production line, and out-bound logistics. Discuss logistics enterprises in practice and logistics industry in China and in the World. Introduce the formation and evolution of supply chain and supply chain management, the material, money, and information flows in supply chains, the entities in supply chains and their relationships.

2. Material and financial flows in practice (2 hours)

Discuss various forms of material flows in firms and supply chains in practice. Methods for computing material flow time, speed, and turnover cycles. Little's law in Queueing Theory and its application in material flows. Practical cases of the rise and fall of companies because of their performance of material flows.

3. Supply chain finance in practice (4 hours)

The trend of shrinking cash-to-cash cycle of entities in a supply chain breaks the cash flow in companies and supply chains. The challenges and opportunities of the uneven financial positions of supply chain partners. The role of the pivot company in supply chain financing. Supply chain finance strategy and method and their impact on company's cash-to-cash cycle

4. Practical information flow in supply chains (4 hours)

Bullwhip effect game and case study.

5. eBusiness and supply chains in practice (4 hours)

Survey of emerging eBusiness, Course Project topics and guided group discussion

6. Research in supply chain coordination (4 hours).

Research paper: *Pricing and Lead Time Decisions in Decentralized Supply Chains*, Management Science 53(5), 2007.
Course project discussion and development

7. Research in supply chain integration (2 hours)

Research paper: pull or push-pull (article to be decided)

8. Distribution strategy in practice (4 hours)

Case study and course project discussion and development

9. Alliances in supply chains (2 hours)

Case study

10. Project presentation 2 (2 hours)

Group project presentation and discussion, session 2

The core competence in E-business is effective transaction fulfillment. Good e-business is synonymous with powerful logistics and good supply chain relation and management. This course introduces the fundamental concepts, key issues, problem solving tools and techniques in logistics and supply chain management. It explains how networks of firms in a supply chain must work together to enable efficient flows of information, materials, and money so that product or service reaches customers at the right time and quantity to maximize customer value. It also examines how different e-business models are matched by different logistics and supply chain structures and solutions. Topics include but not limited to the following, listed roughly in the order of course delivery

1. Logistics and supply chain, introduction

Definition of logistics and supply chains. Competitive advantage, value competition by service and logistics

2. Material and financial flows in supply chains

Supply chain relationships, Material flow and its impact on profitability

3. Supply chain finance

Cash to cash cycle and supply chain finance. Advance payment financing. Inventory financing. Account receivable financing

4. Information in supply chains

Value of information. Bullwhip effect in supply chain, Causes and counter actions

5. eBusiness models and relation with supply chains

Logistics consolidation, supply chain integration, B2C and B2B solutions; B2B Platform eBusiness

6. Coordination and supply contracts

Inefficiencies in decentralized supply chains, retailer order quantity game, gaming in lead time and price: double marginalization

7. Supply chain integration

Supply chain integration strategies, push, pull, and push-pull supply chains

8. Distribution strategies

Direct shipment and intermediate inventory storage point, cross-docking, inventory pooling

18. 教材及其它参考资料 Textbook and Supplementary Readings

Textbook

Simchi-Levi, Kaminsky and Simchi-Levi, *Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies*, McGraw-Hill

A collection of e-business related reading materials/stories and case

Other readings (tentative)

Hau L. Lee, V. Padmanabhan and Seungjin Whang, "The Bullwhip Effect in Supply Chains", *Salon Management Review*, Spring 97, Vol. 38, No. 3, pp. 93–102

Olivier Serrat, Learning in strategic alliances, Knowledge Solutions, September 2009

Jeffrey H. Dyer, Prashant Kale, Harbir Singh, How to make strategic alliances work, *Sloan Management Review*, 42, 2001

Hau L. Lee, Creating value through supply chain integration, *Supply Chain Management Review*, Sept/Oct 2000

Hau L. Lee, *The triple-A supply chain*, Harvard Business Review, Oct. 2004

Jason Amaral, Corey A. Billington, Andy A. Tsay, Outsourcing production without, *Supply Chain Management Review*, Nov-Dec. 2004

课程评估 ASSESSMENT

19. 评估形式 Type of Assessment	评估时间 Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance	weekly	5		
课堂表现 Class Performance	weekly	5		
小测验 Quiz				
课程项目 Projects	End of semester	20		
平时作业 Assignments	6 to 8	30		
期中考试 Mid-Term Test				
期末考试 Final Exam		30		
期末报告 Final Presentation	End of semester	10		
其它（可根据需要 改写以上评估方 式） Others (The above may be modified as necessary)				

20. 记分方式 GRADING SYSTEM



- A. 十三级等级制 Letter Grading
 B. 二级记分制 (通过/不通过) Pass/Fail Grading

课程审批 REVIEW AND APPROVAL

21. 本课程设置已经过以下责任人/委员会审议通过

This Course has been approved by the following person or committee of authority



课程详述

COURSE SPECIFICATION

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1.	课程名称 Course Title	管理学前沿与实践 II Management Frontier and Practice II
2.	授课院系 Originating Department	信息系统与管理工程系 Department of Information Systems & Management Engineering
3.	课程编号 Course Code	EBA421
4.	课程学分 Credit Value	3
5.	课程类别 Course Type	专业选修课 Major Elective Courses
6.	授课学期 Semester	秋季 Fall
7.	授课语言 Teaching Language	中英文 English and Chinese
8.	授课教师、所属学系、联系方式 (如属团队授课, 请列明其他授课教师) Instructor(s), Affiliation & Contact (For team teaching, please list all instructors)	刘黎明, 信息系统与管理工程系, 13530099854, liulm3@sustech.edu.cn Liming Liu, Department of Information Systems & Management Engineering
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	待公布 To be announced
10.	选课人数限额(可不填) Maximum Enrolment (Optional)	25

11. 授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other (Please specify)	总学时 Total
学时数 Credit Hours	32		32		64
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无 None				
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	无 None				
14. 其它要求修读本课程的学系 Cross-listing Dept.	无 None				

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

本课程旨在帮助学生 (1) 学习供应链管理的基本概念、战略问题、理论框架、实用方法和技术; (2) 了解电子商务模式与供应链和物流战略的关系; (3) 培养分析电子商务环境, 以及确定合适的供应链和物流解决方案的能力。

The course aims to help students to (1) learn the basic concepts, strategic issues, theoretical frameworks, and practical methods and techniques of supply chain management; (2) understand the relationship between e-business models and supply chain and logistics strategies; (3) develop the ability to analyze e-business environment and identify appropriate supply chain and logistics solutions.

16. 预达学习成果 Learning Outcomes

学习本课程后, 学生将能够:

1. 了解物流和供应链管理对组织竞争力和电子商务的重要性
2. 了解供应链中材料、信息和资金流动的动态
3. 掌握基本的库存管理模型, 并能将其应用于供应链问题
4. 整合供应链金融与供应链物流
5. 了解供应链中的关键问题, 包括信息流和价值、分散供应链的低效率、协调、联盟、供应策略、分销策略和供应链整合
6. 将电子商务模式与物流和供应链解决方案连接起来
7. 应用定量和定性工具和模型来分析基本的供应链设计问题和决策

On successful completion of this course, students will be able to:

1. understand the importance of logistics and supply chain management to the competitiveness of organization and to eBusiness
2. understand the dynamics of material, information, and financial flows in supply chains



3. master basic inventory management models and be able to apply them in supply chain problems
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5. understand key issues in supply chains including information flow and value, inefficiencies in decentralized supply chains, coordination, alliance, supply strategies, distribution strategies, and supply chain integration
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17. 课程内容及教学日历（如授课语言以英文为主，则课程内容介绍可以用英文；如团队教学或模块教学，教学日历须注明主讲人）

Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

理论与实践课（64 学时）

理论（32 学时）

1. 物流及供应链管理引言/介绍（4 学时）

介绍并定义物流及供应链，介绍物流作为一个组织（公司）创造价值的一个重要功能、供应链是产品和服务的价值竞争的基本平台。讨论供应链的各种模式。定义供应链管理，介绍供应链管理的各要素、工具、及技术。

2. 供应链中的物流和资金流（2 学时）

讨论供应链中上游至下游的物料流动及滞留、流速、流动周期，物流与资金流的关系，物流效益评估及其对公司财务效益的影响

3. 供应链金融（4 学时）

现金流，现金至现金周期与供应链金融。供应链中的核心企业，预支款融资，库存融资，应收款融资，第三方物流融资。

4. 供应链中的信息流（4 学时）

供应链中的上行及下行信息。信息的价值，信息的不确定性，信息传递中的牛鞭效应、产生因由及应对措施

5. 电商模型和供应链（4 学时）

电商的核心竞争力。物流整合模式，供应链融合模式，B2C and B2B 的物流及供应链解决方案，平台模式

6. 供应链协调及供应合同（4 学时）

分散型供应链决策的低效性。零售商订货量博弈，交货期及价格博弈，双重边际效应，采购量合同，回购合同。

7. 供应链融合（2 学时）

供应链融合策略，下行推动式供应链，上行拖动式供应链，推-拖动式供应链

8. 分送分销系统及策略（4 学时）

直接配送与中间库存点策略，交叉配送模式，库存共享策略

9. 战略联盟（2 学时）

战略联盟的框架，第三方物流联盟，销售商与供应商关系

10. 课程项目报告（2 学时）

小组项目报告及讨论，第一节



实践 (32 学时)

1. 物流及供应链管理实践介绍 (4 学时)

讨论实践中物流的各种形态及创新, 介绍公司物流实践、即进货、生产线、及出货物流, 讨论物流企业及物流行业。介绍供应链的形成及演变, 供应链中的物流, 资金流, 及信息流。供应链中的个体及相互关系

2. 实践中的物料流和资金流 (2 学时)

介绍供应链实体中上至下游物资流动的各种形态, 流速和流动周期的计算, 排队论中利特公式及其应用, 历史上著名公司因物料流效益的高低而兴旺和衰落。

3. 供应链金融实践 (4 学时)

供应链各实体现金至现金周期紧缩趋势造成资金流及供应链的紧张和撕裂。供应链各企业强弱不均的挑战与机遇, 供应链关键企业在供应链金融中的作用。供应链融资策略与方式及其对企业现金流周期的影响。供应链金融案例

4. 供应链实践中信息传递 (4 学时)

牛鞭效应实验。供应链信息案例

5. 实践中的电商与供应链 (4 学时)

新兴电商概览。课程项目选题、讨论指导

6. 供应链协调研究 (4 学时)

论文研究: 定制产品的零售商与制造商间博弈。课程项目讨论与推进

7. 供应链融合研究 (2 学时)

论文研究: 拖还是推-拖? (具体文章待定)

8. 配送分销实践 (4 学时)

案例研究, 课程项目讨论及推进

9. 战略联盟实践 (2 学时)

案例研究

10. 课程项目报告 (2 学时)

小组项目报告, 第二节

Lecture and Practice (64 hours)

Lecture (32 hours)

1. Introduction to Logistics and supply chain management (4 hours)

Introduce and define logistics and supply chains. Competitive advantage, value competition by service and logistics. Discuss various supply chain modes and supply chain as a platform for value competition of products and services. Define supply chain management, and introduce the key elements, the tools, and the technics of supply chain management.

2. Material and financial flows in supply chains (2 hours)

Discuss how materials flow from upstream to downstream in supply chains, flow time, speed, and turnover cycle. The relation between material flow and financial flow. Performance measure of material flow and how it affects the company's financial performance

3. Supply chain finance (4 hours)

Cash to cash cycle and supply chain finance. Pivot company in supply chains, advance payment financing. Inventory financing, account receivable financing. 3rd party logistics company financing.



4. Information in supply chains (4 hours)

Upwards and downwards information flows, value of information. Uncertainty in information, Bullwhip effect in supply chain, causes and counter actions

5. eBusiness models and supply chains (4 hours)

Core competence of eBusiness. Logistics consolidation and supply chain integration, B2C and B2B solutions; B2B platform eBusiness

6. Supply chain coordination and supply contracts (4 hours)

Inefficiencies in decentralized supply chains, retailer order quantity game, gaming in lead time and price: double marginalization

7. Supply chain integration (2 hours)

Supply chain integration strategies, push, pull, and push-pull supply chains

8. Distribution strategies (4 hours)

Direct shipment and intermediate inventory storage point, cross-docking, inventory pooling

9. Supply chain alliance (2 hours)

Framework for strategic alliance. Third party logistics, retailer and supplier relationship

10. Project presentation (2 hours)

Group project presentation and discussion, session 1

Practice (32 hours)

1. Logistics and supply chain management practice, Introduction (4 hours)

Discuss various forms and innovations of logistics in practice. Discuss practical company logistics, including in-bound, production line, and out-bound logistics. Discuss logistics enterprises in practice and logistics industry in China and in the World. Introduce the formation and evolution of supply chain and supply chain management, the material, money, and information flows in supply chains, the entities in supply chains and their relationships.

2. Material and financial flows in practice (2 hours)

Discuss various forms of material flows in firms and supply chains in practice. Methods for computing material flow time, speed, and turnover cycles. Little's law in Queueing Theory and its application in material flows. Practical cases of the rise and fall of companies because of their performance of material flows.

3. Supply chain finance in practice (4 hours)

The trend of shrinking cash-to-cash cycle of entities in a supply chain breaks the cash flow in companies and supply chains. The challenges and opportunities of the uneven financial positions of supply chain partners. The role of the pivot company in supply chain financing. Supply chain finance strategy and method and their impact on company's cash-to-cash cycle

4. Practical information flow in supply chains (4 hours)

Bullwhip effect game and case study.

5. eBusiness and supply chains in practice (4 hours)

Survey of emerging eBusiness, Course Project topics and guided group discussion

6. Research in supply chain coordination (4 hours).

Research paper: *Pricing and Lead Time Decisions in Decentralized Supply Chains*, Management Science 53(5), 2007.
Course project discussion and development

7. Research in supply chain integration (2 hours)

Research paper: pull or push-pull (article to be decided)

8. Distribution strategy in practice (4 hours)

Case study and course project discussion and development

9. Alliances in supply chains (2 hours)

Case study

10. Project presentation 2 (2 hours)

Group project presentation and discussion, session 2

The core competence in E-business is effective transaction fulfillment. Good e-business is synonymous with powerful logistics and good supply chain relation and management. This course introduces the fundamental concepts, key issues, problem solving tools and techniques in logistics and supply chain management. It explains how networks of firms in a supply chain must work together to enable efficient flows of information, materials, and money so that product or service reaches customers at the right time and quantity to maximize customer value. It also examines how different e-business models are matched by different logistics and supply chain structures and solutions. Topics include but not limited to the following, listed roughly in the order of course delivery

1. Logistics and supply chain, introduction

Definition of logistics and supply chains. Competitive advantage, value competition by service and logistics

2. Material and financial flows in supply chains

Supply chain relationships, Material flow and its impact on profitability

3. Supply chain finance

Cash to cash cycle and supply chain finance. Advance payment financing. Inventory financing. Account receivable financing

4. Information in supply chains

Value of information. Bullwhip effect in supply chain, Causes and counter actions

5. eBusiness models and relation with supply chains

Logistics consolidation, supply chain integration, B2C and B2B solutions; B2B Platform eBusiness

6. Coordination and supply contracts

Inefficiencies in decentralized supply chains, retailer order quantity game, gaming in lead time and price: double marginalization

7. Supply chain integration

Supply chain integration strategies, push, pull, and push-pull supply chains

8. Distribution strategies

Direct shipment and intermediate inventory storage point, cross-docking, inventory pooling

18. 教材及其它参考资料 Textbook and Supplementary Readings

Textbook

Simchi-Levi, Kaminsky and Simchi-Levi, *Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies*, McGraw-Hill

A collection of e-business related reading materials/stories and case



Other readings:

Jason Amaral, Corey A. Billington, Andy A. Tsay, Outsourcing production without, *Supply Chain Management Review*, Nov-Dec. 2004

Jeffrey H. Dyer, Prashant Kale, Harbir Singh, How to make strategic alliances work, *Sloan Management Review*, 42, 2001

Hau L. Lee, Creating value through supply chain integration, *Supply Chain Management Review*, Sept/Oct 2000

Hau L. Lee, *The triple-A supply chain*, Harvard Business Review, Oct. 2004

Hau L. Lee, V. Padmanabhan and Seungjin Whang, "The Bullwhip Effect in Supply Chains", *Salon Management Review*, Spring 97, Vol. 38, No. 3, pp. 93-102

Liu, L., Parlar, M. and Zhu, X. (2007) "Pricing and leadtime decisions in a decentralized supply chain" *Management Science*

Liu L., Xu, H., Zhu X. (2020) "Push vs. Pull: Inventory-Leadtime Tradeoff for Managing System Variability" *European Journal of Operational Research*

Olivier Serrat, Learning in strategic alliances, Knowledge Solutions, September 2009

Xing W, Ma S, Zhao X, Liu L (2022) "Operational hedging or financial hedging? Strategic risk management in commodity procurement" *Production and Operations Management*

课程评估 ASSESSMENT

19. 评估形式 Type of Assessment	评估时间 Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance	weekly	5		
课堂表现 Class Performance	weekly	5		
小测验 Quiz				
课程项目 Projects	End of semester	20		
平时作业 Assignments	6 to 8	30		
期中考试 Mid-Term Test		30		
期末考试 Final Exam				
期末报告 Final Presentation	End of semester	10		
其它 (可根据需要 改写以上评估方式) Others (The above may be modified as necessary)				




20. 记分方式 GRADING SYSTEM

- A. 十三级等级制 Letter Grading
 B. 二级记分制 (通过/不通过) Pass/Fail Grading

课程审批 REVIEW AND APPROVAL

21. 本课程设置已经过以下责任人/委员会审议通过

This Course has been approved by the following person or committee of authority

任课教师: 

教学主管: 胡大为 陆皓

