

ES972-10 Supply Chain Management

23/24

Department

WMG

Level

Taught Postgraduate Level

Module leader

Dawei Lu

Credit value

10

Module duration

1 week

Assessment

Multiple

Study locations

Hong Kong Polytechnic University, Hong Kong Primary

Beijing City University, China

Chulalongkorn University, Thailand

Singapore Institute of Management, Singapore

Description

Introductory description

Since the inception of Supply Chain Management in 1982 the concept and scope of supply chain is now embedded in the overall strategy of most leading organisations, who recognise it as a key part of their competitive advantage. Therefore, it is important for students to understand the key principles and their role within the supply chain.

Module aims

The principal aim of this module is to provide participants with knowledge and comprehension of supply chain management and supply chain; part of this aim, is to develop the participant's ability to be able to apply the fundamental concepts of supply chain management and supply chain in an organisational context, via in module exercises during the module and in the Post Module Assessment (PMA) at the end.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be

covered. Actual sessions held may differ.

The module will cover various aspects of the supply chain management field, including but not limited to: an introduction to supply chain management, designing supply chains, competitive environment and how supply chains could provide competitive advantage, assessing supply chain performance, globalisation, sustainability, digitalisation, managing risks in supply chains, understanding the role of forecasting, supply chain integration, managing sourcing processes, and financial implications.

Learning outcomes

By the end of the module, students should be able to:

- Develop a comprehensive understanding of the fundamental principles, theories, tools and techniques of supply chain management.
- Critically evaluate supply chain strategies and approaches to assess their alignment with the competitive environment.
- Assess any real-world supply chain management and supply chain issue by applying models, frameworks tools and techniques to synthesise gathered information and explore appropriate recommendations.
- Discuss the recent developments and advancements in the subject area, including but not limited to globalisation, sustainability, and digitalisation.

Indicative reading list

*Supply chain 4.0: improving supply chains with analytics and industry 4.0 technologies - Vasileios Zeimpekis; Emel Aktaş; Michael A. Bourlakis; Ioannis Minis, 2020.

*Fundamentals of Supply Chain Management - Dawei Lu, 2011

*The SAGE handbook of strategic supply management - Christine Harland; Guido Nassimbeni; Eugene Stewart Schneller 2013

*Supply chain management: strategy, planning, and operation - Sunil Chopra, 2019.

*Logistics & supply chain management - Martin Christopher, 2023.

[View reading list on Talis Aspire](#)

Subject specific skills

Understand the scope and contents of supply chain management, be able to conceptualise real-world supply chains into a theoretical model or framework, be able to analyse the market and competitive business environment from a supply chain perspective, be able to apply relevant management frameworks and theories in strategic planning and design of supply chain, be able to make constructive and educated suggestions for supply chain improvement and development, be familiar with supply chain management tools that facilitate the management practices.

Transferable skills

Communication skill, presentation and articulation skill, team work and team leader skills, dependability, adaptability to much wider employment opportunities, business and related

technology literacy.

Study

Study time

Type	Required
Lectures	30 sessions of 1 hour (30%)
Online learning (independent)	2 sessions of 1 hour (2%)
Other activity	8 hours (8%)
Assessment	60 hours (60%)
Total	100 hours

Private study description

No private study requirements defined for this module.

Other activity description

Unsupervised group work.

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Assessment group A3

	Weighting	Study time
Post Module Assignment	100%	60 hours

Assessment group R1

	Weighting	Study time
Post Module Assignment	100%	

Feedback on assessment

Written feedback will be provided for the Post-Module Assignment within a four-week period after the date of submission. This feedback will be focussed upon the strengths, weaknesses and suggestions for improvement will also be provided.

Availability

Courses

This module is Core for:

- Year 1 of TESA-H7PD Postgraduate Taught Supply Chain and Logistics Management (Home Fees)
- Year 1 of TESS-H7PE Postgraduate Taught Supply Chain and Logistics Management (Overseas and Self-Financing)

This module is Optional for:

- Year 1 of TESS-H1ZW Postgraduate Taught Programme and Project Management
- TESS-H7PT Postgraduate Taught Programme and Project Management (Hong Kong)
 - Year 1 of H7PT Programme and Project Management (Hong Kong)
 - Year 1 of H7PT Programme and Project Management (Hong Kong)

This module is Core option list B for:

- Year 1 of TESS-H1PT Postgraduate Taught Engineering Business Management (Awarded Jointly with Hong Kong Polytechnic Uni)
- Year 1 of TESS-H7PX Postgraduate Taught Engineering Business Management (Cyprus)

This module is Core option list C for:

- Year 1 of TWMS-H7BF Postgraduate Supply Chain and Logistics Management (Hong Kong)
- Year 1 of TWMS-H1Y6 Postgraduate Taught Supply Chain and Logistics Management (Cyprus)
- Year 1 of TWMS-H7A1 Postgraduate Taught Supply Chain and Logistics Management (Singapore)
- Year 1 of TESS-H7PN Postgraduate Taught Supply Chain and Logistics Management (Thailand)

This module is Option list A for:

- Year 1 of TESS-H1PU Postgraduate Taught International Technology Management
- Year 1 of TESS-H6C4 Postgraduate Taught International Technology Management (Hong Kong)

This module is Option list B for:

- Year 1 of TESS-H1P2 Postgraduate Award in Engineering Business Management
- Year 1 of TESS-H1X0 Postgraduate Award in Taught Engineering Business Management

(Hong Kong)

- Year 1 of TESA-H1P7 Postgraduate Taught Engineering Business Management
- Year 1 of TESS-H1P1 Postgraduate Taught Engineering Business Management
- Year 1 of TESS-H1P3 Postgraduate Taught Engineering Business Management (Hong Kong) Warwick Award
- Year 1 of TESS-H1PS Postgraduate Taught Engineering Business Management (Singapore)
- Year 1 of TESS-H1PI Postgraduate Taught Engineering Business Management (Thailand)
- Year 1 of TESS-H1X6 Postgraduate Taught Programme and Project Management
- Year 1 of TWMS-H1Y9 Postgraduate Taught Service Management and Design (Hong Kong)

This module is Option list C for:

- Year 1 of TWMA-H1NB Postgraduate International Trade, Strategy and Operations
- Year 1 of TWMS-H7BE Postgraduate Service Management and Design (Thailand)
- Year 1 of TWMS-H7B4 Postgraduate Taught Programme and Project Management (Singapore)