

ES972-10 Supply Chain Management

20/21

Department

WMG

Level

Taught Postgraduate Level

Module leader

Dawei Lu

Credit value

10

Module duration

1 week

Assessment

Multiple

Study location

University of Warwick main campus, Coventry

Description

Introductory description

The principal aims of the module is to prepare the students with the advanced knowledge in the field of supply chain management, and to develop the essential skills to apply the knowledge when facing or anticipating real-world business cases.

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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.

1. Fundamentals of supply chain management
2. Global supply chain strategies
3. Global enterprise – Rolls Royce's case
4. Driving competitive advantage
5. Integrated planning

6. Sustainability and supply chain
7. Supply chain risk management
8. Driving competitive advantage
9. Lean supply management
10. Agile supply management
11. Strategic procurement and supplier selection
12. Supply relationship management
13. Case studies, Beer Games and group activities

Learning outcomes

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

- 1. Formulate an advanced conceptual model from a real-world supply chain case or part of it, by interpreting its associated management issues from a much wider and more strategic supply chain perspective.
- 2. Creatively conduct an independent evaluation and/or critical analysis on any of the following key supply chain management approaches that might be dominating the real-world case in question, including: strategic outsourcing; end-to-end supply chain integration; supplier-buyer relationships, partnership and collaboration; supply-base development; win-win sourcing; lean and agile supply management; customer driven value-adding; and so on.
- 3. Demonstrate a sound and advanced skill set in rigorously reasoning and articulating any real-world supply chain issues through applying learned frameworks, models and tools to reveal the underlying connections of complex conceptual factors within the supply chain systems while engaging scholarly literatures autonomously.

Indicative reading list

- Supply chain management: strategy, planning, and operation - Sunil Chopra, Peter Meindl, 2009.
- Logistics & supply chain management - Martin Christopher, 2011.
- Fundamentals of Supply Chain Management - Dawei Lu, 2011
- Harvard business review on supply chain management - Harvard Business School, c2006
- Purchasing & supply chain management: analysis, strategy, planning and practice - A. J. van Weele, c2010
- Living supply chains: how to mobilize the enterprise around delivering what your customers want - John Gattorna, 2006

[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	24 sessions of 1 hour 30 minutes (36%)
Other activity	4 hours (4%)
Assessment	60 hours (60%)
Total	100 hours

Private study description

No private study requirements defined for this module.

Other activity description

4 hours pre-reading
60 Hours self-study leading to post module assignment

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 A2

	Weighting	Study time
Assessed work as specified by Department	100%	60 hours
Post Module Assignment (3500-4000 words)		

Assessment group R

	Weighting	Study time
Assessed work as specified by department 100% Assignment	100%	

Feedback on assessment

Written feedback of approximately 250-1000 words 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 and weaknesses of the work with regard to the module learning outcomes and the post-module assignment marking guidelines. 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)