

# WM910-15 Supply Chain Management

**20/21**

**Department**

WMG

**Level**

Taught Postgraduate Level

**Module leader**

Karen Bradbury

**Credit value**

15

**Assessment**

Multiple

**Study location**

University of Warwick main campus, Coventry

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## Description

### Introductory description

Supply Chain Management capability within business has, over the last decade in particular, taken on a much more significant role in enabling business to gain competitive advantage and deliver bottom line performance. As companies strive to identify their competitive edge, the application of supply chain concepts will continue to exert greater influence on overall business success. This module covers a wide range of topics in supply chain strategies, design, planning, operations and development. Emphasis has been laid mainly on the perspective of integrated supply process. Releasing value in business through relationship management, cost reduction and lean supply have been the key considerations. The module also provides many real world cases, which illustrate ways of achieving enduring business competitiveness.

### Module aims

Supply Chain Management capability within business has, over the last decade in particular, taken on a much more significant role in enabling business to gain competitive advantage and deliver bottom line performance. As companies strive to identify their competitive edge, the application of supply chain concepts will continue to exert greater influence on overall business success. This module covers a wide range of topics in supply chain strategies, design, planning, operations and development. Emphasis has been laid mainly on the perspective of integrated supply process. Releasing value in business through relationship management, cost reduction and lean supply have been the key considerations. The module also provides many real world cases, which illustrate ways of achieving enduring business competitiveness.

## **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. Introduction to supply chain management
2. Globalisation of supply chain development
3. Retail supply chain design and planning
4. Supply chain management frameworks
5. Supply chain collaboration and integration
6. Sustainability and supply chain
7. Supply chain risk management
8. Costing the supply chain
9. Lean supply management
10. Agile supply management
11. Purchasing and supplier selection
12. Supply relationship management
13. Case studies, games and group activities

## **Learning outcomes**

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

- Understand the fundamental concept of integrated supply chain management.
- Making educated decision on strategic outsourcing and vertical integration.
- Understand customer driven orientation and value adding
- Appreciate the critical importance of supply chain collaboration and integration.
- Analyse and develop suppliers and customer relationships
- Managing supply chain risks and costing issues.
- Select and apply appropriate tools and techniques to plan, control and manage the supply chain to achieve overall efficiency and effectiveness.
- Apply basic principles of lean supply for operational excellence.
- Comprehend cultural and technological impact on global supply chain development.

## **Indicative reading list**

Title: Managing the Global Supply Chain

Author: Phillip B. Schary & Tage Skjott- Larson;

Publisher: Copenhagen Business School Press (2007)

Title: Dynamic Supply Chains: Delivering Value Through People

Author: John Gattorna (2010)

Title: Operations Strategy Author: Nigel Slack & Michael Lewis; Publisher: Prentice Hall (2014)

Title: Strategic Operations Management: a value chain approach Author: David Walters & Mark Rainbird; Publisher: Palgrave Macmillan (2006)

## **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**

Critical thinking, Problem solving, Self-awareness, Communication, Teamwork and working effectively with others

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## **Study**

### **Study time**

| Type              | Required                    |
|-------------------|-----------------------------|
| Lectures          | 29 sessions of 1 hour (39%) |
| Practical classes | 8 sessions of 1 hour (11%)  |
| Other activity    | 38 hours (51%)              |
| Total             | 75 hours                    |

### **Private study description**

No private study requirements defined for this module.

### **Other activity description**

30 hours maintaining a self-reflective log-book  
8 hours pre-reading

## **Costs**

No further costs have been identified for this module.

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## **Assessment**

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

### **Assessment group A1**

|   | <b>Weighting</b> | <b>Study time</b> |
|---|------------------|-------------------|
| Assessed work as specified by department  | 100%             | 75 hours          |
| A coursework of approximately 6,000 words. Students will be required to examine a relevant situation or practice within their company, undertake an analysis, apply theory and concepts from the background academic literature, compare best practice approaches to addressing issues and challenges, and make recommendations as to the applicability and likely efficacy of such approaches within the company context. This will constitute 100% of total assessment. |                  |                   |

## **Assessment group R**

|  | <b>Weighting</b> | <b>Study time</b> |
|--|------------------|-------------------|
| Assessed work as specified by department | 100%             |                   |
| 100% Post Module Assignment              |                  |                   |

## **Feedback on assessment**

Immediate oral feedback will be provided after case studies / practical workshops, which will be focussed upon the learning targets of each session. Feedback will also be provided to any questions which arise from students with the lecture session.

Written feedback of approximately 150-250 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 objectives and the post-module assignment marking guidelines. Suggestions for improvement will also be provided.

## **Availability**

## **Courses**

This module is Optional for:

- Year 1 of TESS-N1PX Postgraduate Award in Business Leadership
- Year 1 of TESS-H1P1 Postgraduate Taught Engineering Business Management