

# WM979-20 Supply Chain Design

**23/24**

**Department**

WMG

**Level**

Taught Postgraduate Level

**Module leader**

Janet Godsell

**Credit value**

20

**Assessment**

100% coursework

**Study location**

University of Warwick main campus, Coventry

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## Description

### Introductory description

Develops supply chain thinking to provide a coherent framework for end-to-end supply chain design from strategic, network and operating model perspectives.

### Module aims

The aim of this module is to provide a coherent framework for end-to-end supply chain design from strategic, network and operating model perspectives. Reflecting on leading practice, It provides the opportunity to reflect on how key supply chain design decisions apply with a business context, and what could enable or inhibit their successful adoption.

### 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.

Supply chain design from supply chain strategy  
Network and operating model perspectives  
Supply chain design application, enablers and inhibitors

### Learning outcomes

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

- Critique the key elements of the strategic alignment model and its relevance within a business context
- Evaluate the role of integrated business planning in maintaining strategic alignment and delivering profitable growth
- Appraise and assess the concepts of dynamic and structural flexibility, and strategies for achieving flexibility within the an end-to-end supply chain
- Critically discuss and evaluate the key elements of an operating model (processes, performance measures, organisational design, governance and business systems) and how they are designed to deliver customer value at lowest possible supply chain cost
- Examine and evaluate the critical enablers and inhibitors to the successful deployment of supply chain strategy within a company context
- Critically reflect on personal practice as a supply chain leader, and how personal practice enables or inhibits supply chain performance

### **Indicative reading list**

Logistics & Supply Chain Management, Martin Christopher, FT Publishing International; 5 edition (26 Feb. 2016), ISBN-10: 1292083794

Global Logistics and Supply Chain Management, John Mangan and Chandra L. Lalwani, John Wiley & Sons; 3rd edition (29 April 2016), ISBN-10: 1119117828

### **Subject specific skills**

The following subject specific skills will be developed during the module: Supply Chain Design, Supply Chain Strategy, Network and Operating models

### **Transferable skills**

In addition to subject specific skills, attendees will develop the following transferrable skills: Collaborative Working, Cultural Awareness, Critical Thinking and Analysis, Academic Writing Skill

## **Study**

### **Study time**

<b>Type</b>	<b>Required</b>
Lectures	30 sessions of 1 hour (30%)
Seminars	10 sessions of 1 hour (10%)
Work-based learning	20 sessions of 1 hour (20%)
Online learning (scheduled sessions)	20 sessions of 1 hour (20%)
Other activity	20 hours (20%)
Total	100 hours

## Private study description

No private study requirements defined for this module.

## Other activity description

Module pre-work and pre-reading and post module reflection

## Costs

No further costs have been identified for this module.

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## Assessment

You must pass all assessment components to pass the module.

### Assessment group A

	<b>Weighting</b>	<b>Study time</b>
Reflective Learning Log A written reflective learning log based on learning from the module	20%	25 hours
Project Proposal Production of a change project proposal for implementation within the business in the area of Supply Chain	60%	50 hours
Video Assignment 3 minutes video detailing key learning point form the reading group exercise centred on an academic SC text (includes reading the text)	20%	25 hours

### Feedback on assessment

Written feedback of approximately 150-250 words will be provided for each assessment component 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.

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## Availability

There is currently no information about the courses for which this module is core or optional.