



## **Module Specification**

# Logistics and Supply Chain Management

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### **Contents**

<b>Module Specification .....</b>	<b>1</b>
<b>Part 1: Information .....</b>	<b>2</b>
<b>Part 2: Description .....</b>	<b>2</b>
<b>Part 3: Teaching and learning methods .....</b>	<b>3</b>
<b>Part 4: Assessment.....</b>	<b>4</b>
<b>Part 5: Contributes towards .....</b>	<b>5</b>

## Part 1: Information

**Module title:** Logistics and Supply Chain Management

**Module code:** UFMFRQ-15-M

**Level:** Level 7

**For implementation from:** 2023-24

**UWE credit rating:** 15

**ECTS credit rating:** 7.5

**Faculty:** Faculty of Environment & Technology

**Department:** FET Dept of Engineering Design & Mathematics

**Partner institutions:** None

**Field:** Engineering, Design and Mathematics

**Module type:** Module

**Pre-requisites:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** Not applicable

**Features:** Not applicable

**Educational aims:** To be competitive companies need to manage operations and logistics both internally and externally across all their supply chains. This module gives students a comprehensive understanding of tools and techniques involved in

logistics and supply chain management for strategic and tactical decision making in different industrial contexts.

**Outline syllabus:** The module covers a wide range of topics including supply chain strategies, design, planning, operations and development, supplier relationship management and collaboration in the supply chain, planning and control of logistics, relationship of logistics and supply chain management strategy with other business strategies, and examples of applications of logistics and supply chains in a range of manufacturing and service industries.

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** Through working on real-life case studies students will develop the problem-solving, decision-making and interpersonal skills essential to a career in logistics and supply chain management.

**Module Learning outcomes:** On successful completion of this module students will achieve the following learning outcomes.

**MO1** Solve supply chain and logistics problems taking into account business, environmental and technological factors

**MO2** Define and analyse the correct structure of a supply network and logistics system with reference to real-world supply chain issues

**MO3** Compare and contrast different tools and techniques for the planning and control of logistics and operations management in a variety of operational environments

**MO4** Use state of the art control methods to manage the different players in the supply chain with reference to logistics and financial considerations

**MO5** Manage uncertainty risks of customer markets and their impact on demand and supply along multiple stages of the supply chain

**Hours to be allocated:** 150

**Contact hours:**

Independent study/self-guided study = 115 hours

Face-to-face learning = 35 hours

Total = 150

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

## Part 4: Assessment

**Assessment strategy:** The assessment for this module is a project on the application of logistics and supply chains in manufacturing or service industries.

Students will consider a particular industry to determine the logistics and supply chain management techniques that are applied within that industry. Students will make a group presentation on their findings so that all students benefit from the research. For the group work, a transparent method is in place for identifying individual contributions. This provides the foundation for the individual assignment, where students will study the application of the various concepts and evaluate the benefits of each concept in practice. Students are expected to make use of the feedback obtained from the group presentation. The output will be a 2500 word report.

The referred work will be identical to the task that was failed in the first sit.

Resit deliverable(s) will be scaled appropriately to group size and task complexity

### Assessment tasks:

#### Presentation (First Sit)

Description: Group presentation (15 minutes)

Weighting: 25 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

**Report (First Sit)**

Description: Individual report (2500 words)

Weighting: 75 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

**Presentation (Resit)**

Description: Group presentation (15 minutes)

Weighting: 25 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

**Report (Resit)**

Description: Individual report (2500 words)

Weighting: 75 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5

**Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Engineering Management [GCET] MSc 2023-24

Engineering Management [Frenchay] MSc 2023-24

Engineering Management [Frenchay] MSc 2023-24

Engineering Management [GCET] MSc 2023-24

Engineering Management [Frenchay] MSc 2022-23

Engineering Management [GCET] MSc 2022-23

