



OTHM LEVEL 7 DIPLOMA IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Qualification Number: 601/8465/6

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QUALIFICATION OBJECTIVES

The objective of the OTHM Level 7 Diploma in Logistics and Supply Chain Management qualification is to broaden learners' understanding of logistics and supply chain management and is designed for those who wish to prepare for a first professional role and future career in the field. It is also suitable for logistics and supply chain professionals in the early stages of their career looking to enhance their knowledge and skills and move to the next level professionally.

Successful completion of this qualification will equip learners with the specialist knowledge and skills needed to further their career as a logistics and supply chain professional as well as the opportunity to embark on further study towards a relevant Master's programme with advanced standing.

QUALITY, STANDARDS AND RECOGNITIONS

OTHM Qualifications are approved and regulated by Ofqual (Office of Qualifications and Examinations Regulation). Visit register of [Regulated Qualifications](#).

OTHM has progression arrangements with several UK universities that acknowledge the ability of learners after studying Level 3-7 qualifications to be considered for advanced entry into corresponding degree year/top up and Master's/top-up programmes.

REGULATORY INFORMATION

Qualification Title	OTHM Level 7 Diploma in Logistics and Supply Chain Management
Qualification Reference Number	601/8465/6
Regulation Start Date	28-Feb-2016
Operational Start Date	01-Mar-2016
Duration	1 Year
Total Credit Value	120 Credits
Total Qualification Time (TQT)	1200 Hours
Guided Learning Hours (GLH)	600 Hours
Sector Subject Area (SSA)	15.3 Business management
Overall Grading Type	Pass / Fail
Assessment Methods	Coursework
Language of Assessment	English

EQUIVALENCES

OTHM qualifications at RQF Level 7 represent practical knowledge, skills, capabilities and competences that are assessed in academic terms as being equivalent to Master's Degrees, Integrated Master's Degrees, Postgraduate Diplomas, Postgraduate Certificate in Education (PGCE) and Postgraduate Certificates.

QUALIFICATION STRUCTURE

The OTHM Level 7 Diploma in Logistics and Supply Chain Management consists of 8 mandatory units for a combined total of 120 credits, 1200 hours Total Qualification Time (TQT) and 600 Guided Learning Hours (GLH) for the completed qualification.

Unit Ref. No.	Mandatory Units	Credit	GLH	TQT
F/508/2010	Principles of Logistics and Supply Chain Management	15	75	150
J/508/2011	Operations Design and Management	15	75	150
L/508/2012	International Logistics and Transport	15	75	150
R/508/2013	Supply Chain Planning and Management	15	75	150
Y/508/2014	Procurement and Purchasing	15	75	150
D/508/2015	Supply Chain and Operations Strategy	15	75	150
K/508/2017	Sustainable Logistics Management	10	50	100
T/508/0626	Business Research Methods	20	100	200

DEFINITIONS

Total Qualification Time (TQT) is the number of notional hours which represents an estimate of the total amount of time that could reasonably be expected to be required in order for a Learner to achieve and demonstrate the achievement of the level of attainment necessary for the award of a qualification.

Total Qualification Time is comprised of the following two elements –

- a) the number of hours which an awarding organisation has assigned to a qualification for Guided Learning, and*
- b) an estimate of the number of hours a Learner will reasonably be likely to spend in preparation, study or any other form of participation in education or training, including assessment, which takes place as directed by – but, unlike Guided Learning, not under the Immediate Guidance or Supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training.*

(Ofqual 15/5775 September 2015)

Guided Learning Hours (GLH) is defined as the hours that a teacher, lecturer or other member of staff is available to provide immediate teaching support or supervision to a student working towards a qualification.

Credit value is defined as being the number of credits that may be awarded to a Learner for the successful achievement of the learning outcomes of a unit. One credit is equal to 10 hours of TQT.

ENTRY REQUIREMENTS

For entry onto the OTHM Level 7 Diploma in Logistics and Supply Chain Management qualification, learners must possess:

- An honours degree in related subject or UK level 6 diploma or an equivalent overseas qualification
- Mature learners (over 21) with management experience (learners must check with the delivery centre)
- Learner must be 18 years or older at the beginning of the course
- **English requirements:** If a learner is not from a majority English-speaking country must provide evidence of English language competency. For more information visit [English Language Expectations](#) page.

PROGRESSION

Achieving the OTHM Level 7 Diploma in Logistics and Supply Chain Management qualification enables learners to progress into or within employment and/or continue their further study. As this qualification is approved and regulated by Ofqual (Office of the Qualifications and Examinations Regulation), learners are eligible to progress to Master's top-up programmes at many universities in the UK and overseas with advanced standing. For more information visit [University Progressions](#) page.

DELIVERY OF OTHM QUALIFICATIONS

OTHM do not specify the mode of delivery for its qualifications, therefore OTHM Centres are free to deliver this qualification using any mode of delivery that meets the needs of their Learners. However, OTHM Centres should consider the Learners' complete learning experience when designing the delivery of programmes.

OTHM Centres must ensure that the chosen mode of delivery does not unlawfully or unfairly discriminate, whether directly or indirectly, and that equality of opportunity is promoted. Where it is reasonable and practicable to do so, it will take steps to address identified inequalities or barriers that may arise.

Guided Learning Hours (GLH) which are listed in each unit gives the Centres the number of hours of teacher-supervised or direct study time likely to be required to teach that unit.

ASSESSMENT AND VERIFICATION

All units within this qualification are internally assessed by the centre and externally verified by OTHM. The qualifications are criterion referenced, based on the achievement of all the specified learning outcomes.

To achieve a 'pass' for a unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria. Judgement that the learners have successfully fulfilled the assessment criteria is made by the Assessor.

The Assessor should provide an audit trail showing how the judgement of the learners' overall achievement has been arrived at.

RECOGNITION OF PRIOR LEARNING AND ACHIEVEMENT

Recognition of Prior Learning (RPL) is a method of assessment that considers whether learners can demonstrate that they can meet the assessment requirements for a unit through knowledge, understanding or skills they already possess and do not need to develop through a course of learning.

RPL policies and procedures have been developed over time, which has led to the use of a number of terms to describe the process. Among the most common are:

- Accreditation of Prior Learning (APL)
- Accreditation of Prior Experiential Learning (APEL)
- Accreditation of Prior Achievement (APA)
- Accreditation of Prior Learning and Achievement (APLA)

All evidence must be evaluated with reference to the stipulated learning outcomes and assessment criteria against the respective unit(s). The assessor must be satisfied that the evidence produced by the learner meets the assessment standard established by the learning outcome and its related assessment criteria at that particular level.

Most often RPL will be used for units. It is not acceptable to claim for an entire qualification through RPL. Where evidence is assessed to be only sufficient to cover one or more learning outcomes, or to partly meet the need of a learning outcome, then additional assessment methods should be used to generate sufficient evidence to be able to award the learning outcome(s) for the whole unit. This may include a combination of units where applicable.

EQUALITY AND DIVERSITY

OTHM Qualifications has adopted a policy of providing equal opportunities for its learners, staff, applicants and others involved in its work. One aspect of this policy is its intention to prevent, as far as possible, the harassment of one person by another, whether on the basis of gender, sexual orientation, sexuality, race or ethnic origin, religion, disability, or any other personal attributes or views held. The qualification is expressly designed to support equality of opportunity and widening access to HE to all who can benefit from it, and it will operate on an inclusive and supportive basis to and for all learners.

UNIT SPECIFICATIONS

UNIT 01: PRINCIPLES OF LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Unit Reference Number	F/508/2010
Unit Title	Principles of Logistics and Supply Chain Management
Unit Level	7
Number of Credits	15
Total Qualification Time (TQT)	150 Hours
Guided Learning Hours (GLH)	75 Hours
Mandatory / Optional	Mandatory
Unit Grading Structure	Pass / Fail

Unit Aims

The aim of this unit is to provide learners with an introduction to logistics and supply chain management concepts, models and theories. The unit examines how logistics and supply chain management contributes to organisations' competitive advantage, the relationship between business partners in delighting end-users, and supporting operational activities.

Learning Outcomes and Assessment Criteria

Learning Outcome – The learner will:	Assessment Criterion – The learner can:	
1. Understand key logistics and supply chain management concepts and theories.	1.1	Evaluate the concepts and principles of supply chain management and logistics.
	1.2	Critically discuss key drivers of effective supply chain management.
	1.3	Assess how effective supply chain management and logistics can support competitiveness.
2. Understand the role of logistics in effective supply chain management.	2.1	Explain the role and contribution of logistics in achieving supply chain goals and objectives.
	2.2	Evaluate the different modes and types of logistics adopted in various businesses.
	2.3	Discuss common issues affecting logistics operations.
3. Understand how supply chain management strategies and technology affect supplier relationships.	3.1	Critically evaluate the different supply chain strategies, policies and practices implemented by various organisations.
	3.2	Evaluate the effectiveness of various supply chain strategies in maintaining supplier relationships.
	3.3	Design systems or mechanisms to maintain business and supplier relationships.
4. Understand the role of information	4.1	Analyse how information technology can assist in integrated supply chain management and logistics.

technology in enhancing organisations' supply chains.	4.2	Analyse the application of e-commerce in supply chain management and the concept of multi-channel supply chain management.
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Assessment

To achieve a 'pass' for this unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

Learning Outcomes to be met	Assessment Criteria to be covered	Assessment type	Word count (approx. length)
All 1 to 3	All ACs under LO 1 to 3	Essay	3000 words
4	All ACS under LO 4	Presentation	10 minutes

Indicative contents

Theories and concept of supply chain management; key drivers in supply chain management; supply chain management strategies; competitiveness through effective supply chain management and logistics. Types of logistics; systems to maintain business-supplier relationship; role of information technology in supply chain and logistics; procurement and e-procurement; and factors hindering e-procurement application.

Indicative Reading list

Christopher, M. (2011). *Logistics & Supply Chain Management*. Harlow: Financial Times Prentice Hall.

Cousins, P. (2008). *Strategic Supply Management: Principles, Theories and Practice*. Harlow: Financial Times Prentice Hall.

Coyle, J.J., Langley Jr., C.J., Gibson, B.J., Novack, R.A. and Bardi, E.J. (2013). *Supply Chain Management: A Logistics Perspective*. 9th Edition., South-Western Aus.: Cengage Learning.

UNIT 02: OPERATIONS DESIGN AND MANAGEMENT

Unit Reference Number	J/508/2011
Unit Title	Operations Design and Management
Unit Level	7
Number of Credits	15
Total Qualification Time (TQT)	150 Hours
Guided Learning Hours (GLH)	75 Hours
Mandatory / Optional	Mandatory
Unit Grading Structure	Pass / Fail

Unit Aims

The aim of this unit is to provide learners with the knowledge and analytical skills to evaluate the influence of markets, raw materials, labour, government policy etc. on strategic decisions for location of manufacturing and service facilities in a dynamic global economy. Learners will develop the analytical skills necessary for the design of layouts which optimise performance, minimise operating costs, and support strategic marketing and business objectives.

Learning Outcomes and Assessment Criteria

Learning Outcome – The learner will:	Assessment Criterion – The learner can:	
1. Understand key issues in the location of businesses in a global environment.	1.1	Evaluate location models and analysis factors influencing the optimum selection of country region and location.
	1.2	Critically evaluate the facilities planning process and the optimum design of layouts.
	1.3	Apply quantitative approaches to location and layout modelling.
2. Understand lean and cell manufacturing and Just-In-Time production.	2.1	Evaluate the guiding principles of lean manufacturing.
	2.2	Analyse the concept of cell production and its characteristics.
	2.3	Evaluate the concept of Just-in-Time manufacturing and its benefits to organisation.
3. Understand the concepts of warehousing and logistics.	3.1	Evaluate relevant concepts, models and theories of warehousing.
	3.2	Discuss the common issues and problems related to warehousing and logistics aspects in organisations.
	3.3	Critically analyse the importance of logistics to warehousing and stocking.
4. Understand analytical planning techniques	4.1	Evaluate the role of forecasting and linear programming in materials planning.

in organisations.	4.2	Discuss the concepts of lead time optimisation and network optimisation.
	4.3	Evaluate the relevance of the Minitab, Excel, ERP and SAP in materials planning.

Assessment

To achieve a 'pass' for this unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

Learning Outcomes to be met	Assessment Criteria to be covered	Assessment type	Word count (approx. length)
All 1 to 4	All ACs under LO 1 to 4	Report	4500 words

Indicative contents

Strategic issues for business location; location models; analysis of factors influencing the optimum selection of country, region and location; and facilities planning process and the optimum design of layouts. Lean manufacturing. Cell manufacturing and just in time production; material handling and integrated production systems; and warehousing and logistics. Quantitative approaches to location and layout modelling; computer aided layout design; planning techniques; and design for next generation manufacturing and services. Product design, process design, business process improvements, quality management.

Indicative Reading list

Dolgui, A., and Proth, M. J., (2010). *Supply Chain Engineering: Useful Methods and Techniques*. New York: Springer.

Slack, N., Brandon-Jones, A. and Johnston, R. (2013). *Operations Management*. 7th Edition. London: Pearson.

Watson, M., and Lewis, S. (2012). *Supply Chain Network Design: Applying Optimization and Analytics to the Global Supply Chain*. London: Pearson FT Press.

UNIT 03: INTERNATIONAL LOGISTICS AND TRANSPORT

Unit Reference Number	L/508/2012
Unit Title	International Logistics and Transport
Unit Level	7
Number of Credits	15
Total Qualification Time (TQT)	150 Hours
Guided Learning Hours (GLH)	75 Hours
Mandatory / Optional	Mandatory
Unit Grading Structure	Pass / Fail

Unit Aims

The aim of this unit is to provide learners with a thorough understanding of relevant operational and theoretical issues applicable to the management of logistics and transport in the global business environment, and in particular the requirement for business competitiveness and operational efficiency. The analysis of interdependencies between operational, technological and regulatory aspects is a key theme throughout the unit.

Learning Outcomes and Assessment Criteria

Learning Outcome – The learner will:	Assessment Criterion – The learner can:	
1. Understand key concepts and issues in international transport and logistics management.	1.1	Analyse current issues in international transport and logistics and their effects on organisations.
	1.2	Critically evaluate the tools and techniques used to analyse international transport operations.
	1.3	Evaluate the benefits of having an effective logistic management system in an organisation.
2. Understand the different modes of transport and their underlying operational and economic characteristics.	2.1	Evaluate the advantages and disadvantage of the different modes of transportation.
	2.2	Critically analyse the underlying operations and cost of the different modes of transportation.
	2.3	Discuss factors affecting the decision in the selection of the preferred modes of transport for the organisation.
3. Understand the nature of regulation, tariffs and safety in international transport and logistics.	3.1	Critically evaluate export and import regulations in the transport service sector.
	3.2	Analyse how tariffs and duties in the transport of goods affect the prices of goods.
	3.3	Evaluate the health and safety procedures adopted by the transport service sector in the transport of goods.
4. Understand freight costs and pricing and	4.1	Discuss the relationship between freight cost to the price of transported products.

relevant trade and customs procedures.	4.2	Evaluate customs procedures in the import and export of goods.
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Assessment

To achieve a 'pass' for this unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

Learning Outcomes to be met	Assessment Criteria to be covered	Assessment type	Word count (approx. length)
All 1 to 4	All ACs under LO 1 to 4	Report	4500 words

Indicative contents

Breadth of operational, technological, economic and regulatory issues relevant to transport and logistics practice. Modes of transport and their underlying operational and economic characteristics, nature of regulation and competition in international transport and logistics operations, freight costs and pricing, and relevant trade and customs procedures.

Indicative Reading list

Bowersox, D. (2013). *Supply Chain Logistics Management*. New York: McGraw-Hill.

Harrison, A., Hoek, R. I. and Skipworth, H. (2014). *Logistics Management and Strategy: Competing Through the Supply Chain*. Harlow, England: Pearson.

Mangan, J. Lalwani, C., Butcher, T. & Javadpour, R. (2011). *Global Logistics and Supply Chain Management*. London: Wiley.

UNIT 04: SUPPLY CHAIN PLANNING AND MANAGEMENT

Unit Reference Number	R/508/2013
Unit Title	Supply Chain Planning and Management
Unit Level	7
Number of Credits	15
Total Qualification Time (TQT)	150 Hours
Guided Learning Hours (GLH)	75 Hours
Mandatory / Optional	Mandatory
Unit Grading Structure	Pass / Fail

Unit Aims

The aim of this unit is to provide learners with a thorough understanding of supply chain management and supply chain planning processes relevant to contemporary operations. The module focuses on concepts, processes, models and techniques, and emphasises the role of information integration and enterprise resource planning (ERP) systems.

Learning Outcomes and Assessment Criteria

Learning Outcome – The learner will:	Assessment Criterion – The learner can:	
1. Understand key supply chain concepts.	1.1	Evaluate the importance of supply chain and management in the operation of businesses.
	1.2	Critically analyse the relevance of having a good Buyer-Supplier relationship.
2. Understand supply chain planning models and approaches used in contemporary business operations.	2.1	Analyse the different methods of forecasting for supply chain and production management.
	2.2	Evaluate qualitative and quantitative approaches to supply chain operations.
	2.3	Explain the process of inventory including its forms, functions, decisions, models and positioning.
3. Understand the integration of supply chain planning, scheduling and control approaches in business operations.	3.1	Analyse the relationships between aggregate and hierarchical planning and control.
	3.2	Explain the concepts of Material Planning and Control and other capacity management strategies.
	3.3	Evaluate the implementation of the Enterprise Resource Planning (ERP) system in the operation of a manufacturing or retail business.

Assessment

To achieve a 'pass' for this unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

Learning Outcomes to be met	Assessment Criteria to be covered	Assessment type	Word count (approx. length)
1	All ACs under LO 1	Presentation	10 minutes
2-3	All ACs under LO 2 to 3	Report	3500 words

Indicative contents

Forecasting for supply chain and production management; qualitative and quantitative approaches (regression and causal modelling, time series methods); Inventory (forms, functions, decisions, and models); inventory positioning; and supply chain dynamics; and the bullwhip effect. Aggregate planning; hierarchical planning and control; MRP-based planning and control; capacity management strategies; shop floor control; and Enterprise Resource Planning (ERP) systems. Demand planning and forecasting, inventory planning, capacity planning, transport planning and distribution planning.

Indicative Reading list

Chopra, S. and Meindl, P. (2013). *Supply Chain Management: Strategy, Planning, and Operation*. Harlow: Pearson.

Chopra, S. and Meindl, P. (2015). *Supply Chain Management: Strategy, Planning, and Operation*. Boston: Pearson.

Chopra, S., and Meindl, P. (2007). *Supply Chain Management: Strategy, Planning, and Operation*, 3rd Edition. New Jersey: Upper Saddle River.

UNIT 05: PROCUREMENT AND PURCHASING

Unit Reference Number	Y/508/2014
Unit Title	Procurement and Purchasing
Unit Level	7
Number of Credits	15
Total Qualification Time (TQT)	150 Hours
Guided Learning Hours (GLH)	75 Hours
Mandatory / Optional	Mandatory
Unit Grading Structure	Pass / Fail

Unit Aims

The aim of this unit is to provide learners with a thorough understanding of sourcing, procurement and purchasing. It provides learners with an appreciation and understanding of strategic sourcing, and the issues, decisions and techniques associated with this.

Learning Outcomes and Assessment Criteria

Learning Outcome - The learner will:	Assessment Criterion - The learner can:	
1. Understand the concepts and practices of procurement.	1.1	Critically evaluate the relationship between procurement and purchasing.
	1.2	Explain the different activities involved in the procurement process.
	1.3	Critically analyse centralised and decentralised procurement processes.
2. Understand strategic sourcing, issues, decisions and techniques in procurement.	2.1	Evaluate cost related issues relevant to sourcing decision making.
	2.2	Compare different sourcing alternatives and its application to different businesses.
	2.3	Determine various behavioural factors that impact on sourcing and dealing with customers.
3. Understand the role of technology in procurement and purchasing.	3.1	Evaluate the role of technology in enhancing the procurement and purchasing process in organisation.
	3.2	Examine the role of e-procurement in the purchasing management of organisations.
	3.3	Critically analyse key challenges and benefits of using e-procurement in organisations.

Assessment

To achieve a 'pass' for this unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

Learning Outcomes to be met	Assessment Criteria to be covered	Assessment type	Word count (approx. length)
All 1 to 3	All ACs under LO 1 to 3	Essay	4500 words

Indicative contents

Procurement and purchasing defined and differentiated; Stages in procurement and purchasing; centralised and decentralised procurement; cost related issues; behavioural factors in sourcing; e-procurement roles and benefits in organisation. Key steps in purchasing; factors affecting organisational behaviour; and B2C and B2B purchasing. Buying procedures, negotiating and contracting, sourcing decisions, category management, outsourcing decisions, supplier relationship management, supplier selection and e-procurement.

Indicative Reading list

Lysons, K. and Farrington, B. (2006). *Purchasing and Supply Chain Management*. London: Pearson Education.

Monczka, R., Handfield, R., Giunipero, L., and Patterson, J. (2015). *Purchasing and Supply Chain Management*. Arizona: Cengage Learning.

Van Weele, A. J. (2009). *Purchasing and Supply Chain Management: Analysis, Strategy, Planning and Practice*. Arizona: Cengage Learning EMEA.

UNIT 06: SUPPLY CHAIN AND OPERATIONS STRATEGY

Unit Reference Number	D/508/2015
Unit Title	Supply Chain and Operations Strategy
Unit Level	7
Number of Credits	15
Total Qualification Time (TQT)	150 Hours
Guided Learning Hours (GLH)	75 Hours
Mandatory / Optional	Mandatory
Unit Grading Structure	Pass / Fail

Unit Aims

The aim of this unit is to develop learners' understanding of supply chain and operations management, including the scope, impact and importance of supply chain and operations management and the strategic decisions that need to be made in today's world of global supply and global markets, taking into account the major competitive drivers. The unit addressed supply chain and operations management practices and approaches in a range of contexts.

Learning Outcomes and Assessment Criteria

Learning Outcome – The learner will:	Assessment Criterion – The learner can:	
1. Understand the role of supply chain and operations strategy.	1.1	Discuss the importance of supply chain and operations strategy in local and international settings.
	1.2	Evaluate the concepts of collaborative forecasting, planning and replenishment.
	1.3	Critically evaluate key decisions made by businesses to improve their supply chain and operations.
	1.4	Critically review the application of strategic approaches to supply chain and operations management in organisations.
2. Understand performance measurement approaches and techniques.	2.1	Assess the relevance of performance measurement within the supply chain and operations management.
	2.2	Evaluate various financial, non-financial, single and multi-factor performance measures applicable to organisations.
	2.3	Critically review approaches and techniques for developing customer facing and internal measures of performance.
3. Understand the role of intra and inter-organisational benchmarking in supply chain and	3.1	Evaluate the selection and application of key performance indicators for effective supply chain and operations management.
	3.2	Explain how intra and inter-organisational benchmarking

operations management.		can help organisations improve their supply chain and operations management efficiency.
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Assessment

To achieve a 'pass' for this unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

Learning Outcomes to be met	Assessment Criteria to be covered	Assessment type	Word count (approx. length)
All 1 to 3	All ACs under LO 1 to 3	Report	4500 words

Indicative contents

Supply Chain and Operations Strategy: Importance of supply chain and operations strategy; Collaborative forecasting, planning and replenishment; Key decisions in supply chain and operations management. Performance measurement: Importance of performance measurement; Financial, non-financial, single and multi-factor measures; Balanced Scorecard and Supply Chain Operations Reference (SCOR) model; and Key performance indicators. Intra and Inter-organisational benchmarking. Current Supply Chain and Operation Practice: Current supply chain management, logistics, and operations management practices; Issues and drivers of change in practicing supply chain and operations management. Operations performance objectives, operation strategy matrix, VMI, push vs pull system and decoupling point.

Indicative Reading list

Harrison, A., van Hoek, R. and Skipworth, H. (2014) *Logistics Management and Strategy*. London: Pearson Education.

Slack, N. (2015). *Operations Strategy*. Oxford: John Wiley & Sons, Ltd.

Watson, M., and Lewis, S. (2012). *Supply Chain Network Design: Applying Optimization and Analytics to the Global Supply Chain*. London: Pearson FT Press.

UNIT 07: SUSTAINABLE LOGISTICS MANAGEMENT

Unit Reference Number	K/508/2017
Unit Title	Sustainable Logistics Management
Unit Level	7
Number of Credits	10
Total Qualification Time (TQT)	100 Hours
Guided Learning Hours (GLH)	50 Hours
Mandatory / Optional	Mandatory
Unit Grading Structure	Pass / Fail

Unit Aims

The aim of this unit is to develop learners' understanding and skills of sustainable logistics, including analysis of different sustainable and green logistics practices that are implemented by businesses. The unit focuses on organisational practices which impact on the environment, the benefits of reverse logistics, greenhouse gas reduction and carbon footprint reduction.

Learning Outcomes and Assessment Criteria

Learning Outcome – The learner will:	Assessment Criterion – The learner can:	
1. Understand the concept and theories of sustainable logistics.	1.1	Critically assess various issues associated with sustainable logistics and the transport of goods and services.
	1.2	Differentiate between Inbound and Outbound sustainable logistics.
	1.3	Discuss how the Third-Party Logistics (3PL) differs from the Fourth Party Logistics.
2. Understand the concept of reverse (return) logistics practice.	2.1	Evaluate the concept of reverse (return) logistics and its application to various industries.
	2.2	Analyse issues and challenges in the implementation and application of reverse logistics.
	2.3	Analyse the impacts of implementing reverse logistics schemes in different business sectors.
3. Understand how to reduce the environmental impact of warehousing, packaging and transportation.	3.1	Evaluate different measures that will reduce the amount of greenhouse gas and waste generated by businesses.
	3.2	Analyse the extent to which businesses can apply the concepts of reusing, reducing and recycling.
	3.3	Critically evaluate ways in which businesses can reduce the carbon footprints of operations within the global supply chain.

Assessment

To achieve a 'pass' for this unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

Learning Outcomes to be met	Assessment Criteria to be covered	Assessment type	Word count (approx. length)
All 1 to 3	All ACs under LO 1 to 3	Essay	3000 words

Indicative contents

Sustainable Logistics; Issues in logistics and transport; Inbound and Outbound Logistics; Third and Fourth Party Logistics; and reverse (return) logistics. Greenhouse gas reduction; benefits of reverse logistics; Concept of reuse, reduce and recycle; and carbon footprints reduction. Social aspects of supply chain management and logistics, ethical aspects of supply chain management and logistics, closed-loop supply chains, reverse logistics and humanitarian logistics.

Indicative Reading list

Grant, B. D., and Trautrim, A. (2013). *Sustainable Logistics and Supply Chain Management: Principles and Practices for Sustainable Operations and Management*. United Kingdom: Kogan Page.

Wang, H. and Gupta, S. (2011). *Green Supply Chain Management: Product Life Cycle Approach*. New York: McGraw-Hill Professional.

UNIT 08: BUSINESS RESEARCH METHODS

Unit Reference Number	T/508/0626
Unit Title	Business Research Methods
Unit Level	7
Number of Credits	20
Total Qualification Time (TQT)	200 Hours
Guided Learning Hours (GLH)	100 Hours
Mandatory / Optional	Mandatory
Unit Grading Structure	Pass / Fail

Unit Aims

The aim of this unit is to develop learners' understanding of research principles including the formulation of research proposals, literature reviews, referencing, data collection using interviews and surveys, questionnaire design, statistical analysing using SPSS, qualitative data, and methods for drawing conclusions from the analysed data.

Learning Outcomes and Assessment Criteria

Learning Outcome – The learner will:	Assessment Criterion – The learner can:	
1. Be able to identify research problems and formulate research objectives.	1.1	Appraise research problems.
	1.2	Develop appropriate research objectives and justify their choice.
2. Understand how to review the literature on a research topic.	2.1	Evaluate literature relevant to a research problem.
	2.2	Critically analyse different theoretical approaches to a research problem.
3. Be able to design appropriate business research methodologies.	3.1	Critically evaluate appropriate research methodologies in terms of research objectives.
	3.2	Design an appropriate methodology in terms of research objectives.
	3.3	Justify a selected methodology in terms of research objectives.
4. Be able to develop a research proposal.	4.1	Propose techniques for use with quantitative and qualitative data.
	4.2	Create a research question, literature review and methodology.
	4.3	Present a research proposal using suitable methods.

Indicative contents

Learning Outcome 1: Understanding the research context; research problem identification for investigation; research topic identification; the conceptualisation of a research problem; developing insights; and feasibility and possibilities.

Learning Outcome 2: Definition, features and ways to do literature review; the generic selection of literature; spotting the sources of literature; justification of an appropriate selection of literature; : the selection of appropriate theories for the research; conceptualisation of the research phenomenon; including relevant theories and the justification of choices; the strength and credentials of relevant theoretical framework; the understanding and interpretation; and developing the theoretical framework.

Learning Outcome 3: Designing a research using the most appropriate method; research question or hypothesis test; reliability and validity test; ethical issues consideration; quantitative methodology; questionnaire design and distribution; conducting interviews; surveys; qualitative methodology; interviews; observation; and case studies.

Learning Outcome 4: Writing a research report for professional audiences; following a criteria sequence as rationale of the research, formatting, editing, critical analysis, discussions of evidences and findings.

Assessment

To achieve a 'pass' for this unit, learners must provide evidence to demonstrate that they have fulfilled all the learning outcomes and meet the standards specified by all assessment criteria.

Learning Outcomes to be met	Assessment criteria to be covered	Type of assessment	Weighting	Word count (approx. length of coursework)
1 & 2	All under LO 1 & 2	Presentation	30%	10 mins
3 & 4	All under LO 3 & 4	Report	70%	4000 words

Indicative Reading list

Anderson, V. (2009). *Research Methods in Human Resource Management*. London: Chartered Institute of Personnel and Development.

Booth, A., Papaioannou, D. and Sutton, A. (2012). *Systematic Approaches to a Successful Literature Review*. London: Sage Publications.

Bryman, A. and Bell, E. (2011). *Business Research Methods*. New York: Oxford University Press.

Deniels, P. and Becker, L. (2012). *Developing Research Proposals*. London: Sage Publications.

Saunders, M., Lewis, P. and Thornhill, A. (20013). *Research Methods for Business Students. 4th Ed.* Harlow: Prentice Hall.

IMPORTANT NOTE

Whilst we make every effort to keep the information contained in programme specification up to date, some changes to procedures, regulations, fees matter, timetables, etc may occur during the course of your studies. You should, therefore, recognise that this booklet serves only as a useful guide to your learning experience. For updated information please visit our website www.othm.org.uk.