University of the West of Scotland

Module Descriptor

Session: 2024/25

Title of Module: Logistical Resources and Technologies			
Code: BUSN11108	SCQF Level: 11 (Scottish Credit and Qualifications Framework)	Credit Points:	ECTS: (European Credit Transfer Scheme)
School:	School of Business & Creative Industries		
Module Co-ordinator:	Olamide Olusegun		

Summary of Module

This module focuses on the work of logistics, distribution, and supply chain technologies.

Introduction

About logistical resources, distribution and information flow, technologies, physical distribution, warehousing, and storage.

Information and Logistics

Information functionality and principles, data, data capturing techniques, applications of Information technologies in logistics and supply chain management.

Logistics (Road/Rail/Air Transport)

Technologies adopted in the logistics and supply chain sector such as radio frequency identification (RFID), cloud computing and big data applications.

Warehousing and storage

Storage functionality and principles, developing the warehouse resources, managing the warehouse resources, materials handling, packaging.

Logistics and the environment

The EU and environmental legislation, logistics and environmental best practices

Module Delivery Method					
Face-To-Face	Blended	Fully Online	HybridC	Hybrid 0	Work-Based Learning

☒	☐	☐	☒	☐	☐

See Guidance Note for details.

Campus(es) for Module Delivery

The module will **normally** be offered on the following campuses / or by Distance/Online Learning: (Provided viable student numbers permit) (tick as appropriate)

Paisley:	Ayr:	Dumfries:	Lanarkshire:	London:	Distance/Online Learning:	Other:
☒	☐	☐	☐	☐	☐	Add name

Term(s) for Module Delivery

(Provided viable student numbers permit).

Term 1	☒	Term 2	☐	Term 3	☐

Learning Outcomes: (maximum of 5 statements)
These should take cognisance of the SCQF level descriptors and be at the appropriate level for the module.
At the end of this module the student will be able to:

L1	Have a clear understanding of the applicability of information and communication technologies in distribution, warehousing, logistics and supply chain management.
L2	Critically evaluate the significance of information and communication technologies in warehousing, logistics and supply chain management.

Employability Skills and Personal Development Planning (PDP) Skills

SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:
Knowledge and Understanding (K and U)	SCQF Level **11** Conceptual understanding of the work of logistics and supply chain technologies in a domestic and global context and how they could be applied to organisational settings
Practice: Applied Knowledge and Understanding	SCQF Level **11** Techniques and tools for the design and management of logistical systems Critical analysis and evaluation of current issues and practices that have an impact on logistics and supply chain systems.

Generic Cognitive skills	SCQF Level **11**
	Making informed judgments on complex problems.
	Use a range of approaches to evaluate case studies to define relevant issues and problems.
Communication, ICT and Numeracy Skills	SCQF Level **11**
	Apply a range of communications methods and information technology to critique logistics and supply chain systems.
	Critically evaluate the case studies in a variety of forms in order to generate understanding.
Autonomy, Accountability and Working with others	SCQF Level **11**
	Work both individually and in groups in practical tutorial-based activities.
	Exercise autonomy and initiative in class and module study activities.

Pre-requisites:	Before undertaking this module the student should have undertaken the following:	
	Module Code:	**Module Title:**
	Other:	
Co-requisites	**Module Code:**	**Module Title:**

*Indicates that module descriptor is not published.

Learning and Teaching	
In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.	
Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	**Student Learning Hours** (Normally totalling 200 hours): (Note: Learning hours include both contact hours and hours spent on other learning activities)
Laboratory/Practical Demonstration/Workshop	12
Tutorial/Synchronous Support Activity	6
Asynchronous Class Activity	36

Independent Study	46
	100 Hours Total

**Indicative Resources: (eg. Core text, journals, internet access)

The following materials form essential underpinning for the module content and ultimately for the learning outcomes:

LECTURE NOTES

Consultation of the under noted resources is recommended, and material from these resources may be of benefit to the student in the assessment process:

CORE TEXT:

Wang, Y. and Pettit, S. (2016) "E-Logistics: Managing Your Digital Supply Chains for Competitive Advantage". Kogan Page, UK

Ross, F.D. (2016) "Introduction to Supply Chain Management Technologies" 2nd Edition, CRC Press, US

Richards, G. (2015) "Warehouse Management: A Complete Guide to Improving Efficiency and Minimising Costs in The Modern Warehouse", 2nd Edition, Kogan Page, UK

ADDITIONAL READING LIST:

Zelbst, J.P. and Sower, E. V. (2016) "RFID for the Supply Chain and Operations Professional", 2nd Edition, Business Expert Press (BEP), US.

Lalwani, C. and Mangan, J. (2016) "Global Logistics and Supply Chain Management", John Wiley & Sons Ltd., 3rd Edition.

Chopra, S., and Meindl, P. (2015) "Supply Chain Management: strategy, planning and operations" Pearson International Edition, 6th Edition.

Waters, D., and Rinsler, S. (2016) "Global Logistics: New Directions in Supply Chain Management", Kogan Page Publishers, 8th Edition

LOGISTICS & SUPPLY CHAIN MANAGEMENT JOURNALS

Journal of Operations Management

Supply Chain Management: An International Journal

International Journal of Physical Distribution and Logistics Management

International Journal of Logistics Research & Applications

International Journal of Logistics Management

INFORMATION MANAGEMENT JOURNALS

Information Systems Research

MIS Quarterly

Journal of Management Information Systems

Journal of the Association of Information Systems

Decision Support Systems

Information and Management

Information Technology and People

Industrial Management and Data Systems

Enterprise Information Management

Please ensure the list is kept short and current. Essential resources should be included, broader resources should be kept for module handbooks / Aula VLE.

Resources should be listed in Right Harvard referencing style or agreed professional body deviation and in alphabetical order.

(**N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements

In line with the Student Attendance and Engagement Procedure: Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.

For the purposes of this module, academic engagement equates to the following:

It is recognised that from time-to-time students will have justifiable reasons for periods of lack of engagement. Students who are unable to attend mandatory classes for any reason should report their absence to their programme leader or their personal tutor or equivalent*. Specific information on how absences should be reported are detailed the relevant Student Programme Handbook. This procedure applies to all undergraduate and taught postgraduate students. For longer periods of absence, students should be referred to the guidance for Authorised Interruption. International students should be aware of the Student Conditions of Enrolment for holders of a Student Route Visa contained in the https://rb.gy/ewpzxi

Equality and Diversity

The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: UWS Equality, Diversity and Human Rights Code.

Please ensure any specific requirements are detailed in this section. Module Co-ordinators should consider the accessibility of their module for groups with protected characteristics..

(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	Marketing, Innovation, Tourism & Events
Assessment Results (Pass/Fail)	Yes ☐ No ☒
School Assessment Board	Marketing, Innovation, Tourism & Events
Moderator	Adebisi Adewole
External Examiner	Kristina Marintseva
Accreditation Details	N/A
Changes/Version Number	

Assessment: (also refer to Assessment Outcomes Grids below)
Assessment 1 – Written work
(N.B. (i) **Assessment Outcomes Grids** for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed. (ii) An **indicative schedule** listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Assessment Outcome Grids (See Guidance Note)

Component 1							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
	x	x				100	

Component 2							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours

Component 3							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Combined Total for All Components						100%	

Change Control:

What	When	Who
Further guidance on aggregate regulation and application when completing template	16/01/2020	H McLean
Updated contact hours	14/09/21	H McLean
Updated Student Attendance and Engagement Procedure	19/10/2023	C Winter
Updated UWS Equality, Diversity and Human Rights Code	19/10/2023	C Winter
Guidance Note 23-24 provided	12/12/23	D Taylor
General housekeeping to text across sections. .	12/12/23	D Taylor

Version Number: MD Template 1 (2023-24)