

Module Documentation



MGMT08022

Supply Chain Management

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MGMT08022 Supply Chain Management

Short Title	Supply Chain Management		
Full Title	Supply Chain Management		
Attendance	N/A	Discipline	345 MANAGEMENT & ADMIN
Coordinator	Maureen Melvin	Department	Business
Official Code	MGMT08022	NFQ Level	08
		ECTS Credit	05

Module Description

The aim of this module is to provide students with a thorough specialised knowledge in the area of Supply Chain Management and the activities carried-out within the total supply chain.

Learning Outcomes

On completion of this module the learner will/should be able to

1. Discuss the linkages and interdependencies between the different functional areas within the total Supply Chain for a business.
2. Expound the boundaries linkages between the national and international supply chains and the operations.
3. Formulate responses to a variety of operational problems or situations that can occur in the supply chain.
4. Evaluate the role of Logistics in the storage and movement of inventory in the provision of goods and services.
5. Analyse the role that Inventory plays in a Supply Chain.
6. Evaluate the role of planning and technology used to forecast and communicate in the Supply Chain.

Teaching and Learning Strategies

This module will be delivered through face to face lectures and tutorials

Assessment Strategies

The assessment strategy will be in line with GMIT Marks and Standards. The assessment will consist of a C/A during the semester worth 40% in the form of a written report and an end of semester examination worth 60%. This assessment strategy will assess that the student have achieved the module learning outcomes.

Repeat Assessment Procedures

The repeat process will be a 2 hour written examination.

Assessment Facilities

None

Module Dependencies**Prerequisite Modules**

None

Corequisite Modules

None

Incompatible Modules

None

Indicative Syllabus***Introduction to Supply Chain Management (20%)***

- The role of Supply Chain Management
- External Relationship with Partners in the Supply Chain Domestic/International (suppliers and distributors) to ensure the supply of raw materials and finished goods
- Internal relationships (inter-plant)

Designing and Maintaining of the Supply Chain (25%)

- Optimal design of a Supply chain
- Demand & Supply (Pull/Push systems) management
- Logistics activities (in-bound & out-bound, and transportation)
- Value-add activities in relation to the Supply Chain

The Role of Inventory in the Supply Chain (25%)

- Supply Chain and Flow of Materials
- The functions of Inventory
- Ordering techniques (Re-order-point & Periodic order quantity techniques, 2-Bins System, systems)
- Lot-sizing techniques (Economic Order Quantity, Fixed-order quantity)
- Safety stock levels
- Delivery time & Lead times

Logistics & links with Distribution Centres / Warehouses (30%)

- The role of Logistics
- Integrating the operations with Logistics
- Distribution centre roles / activities
- Inventory management in the warehouse (stocking levels and locations management)

- Stock control/rotation process
- Multi-plant distribution management (DRP systems)
- The role of Information Technology/Systems in the Supply Chain

CourseWork / Assessment Breakdown

CourseWork / Continuous Assessment 40 %

End of Semester / Year Formal Examination 60 %

Coursework Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
CA	1,2,3,5	40	Week 9

End Exam Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
Final Exam Final Exam	1,2,3,4,5,6	60	End of Term

ACCS Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
Total Average Weekly Learner Workload 0.00 Hours					

Open Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
Total Average Weekly Learner Workload 0.00 Hours					

Distance Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
Total Average Weekly Learner Workload 0.00 Hours					

Part Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Full Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
Lecture	Not Specified	Lecture	2	Weekly	2.00
Tutorial	Flat Classroom	Other	1	Weekly	1.00

Total Average Weekly Learner Workload 3.00 Hours

Online Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Module Resources

Module Book Resources

None

Module Alternate Book Resources

None

Module Other Resources

None

Module URLs

Institute of Supply Chain Management

Government web-sites for Public procurement documents & EU directives documents on public procurement

Additional Information

None

ISBN BookList

Book Details

Michael H. Hugos 2011 *Essentials of Supply Chain Management, Third Edition* Wiley
ISBN-10 0470942185 ISBN-13 9780470942185

Martin Christopher 2011 *Logistics and Supply Chain Management (4th Edition) (Financial Times Series)* FT Press
ISBN-10 0273731122 ISBN-13 9780273731122

David N. Burt 2009 *Supply Management: The Key to Supply Chain Management* McGraw Hill Higher Education

ISBN-10 0071263306 ISBN-13 9780071263306

Gengiz Haksever 2013 *Service Management: An Integrated Approach to Supply Chain Management and Operations (FT Press Operations Management)* FT Press

ISBN-10 0133088774 ISBN-13 9780133088779

David Blanchard 2010 *Supply Chain Management Best Practices (Wiley Best Practices)* Wiley

ISBN-10 0470531886 ISBN-13 9780470531884

Kenneth Lyons 2012 *Purchasing and Supply Chain Management* Pearson Education Limited

ISBN-10 0273723685 ISBN-13 9780273723684

Antonio Arreola-Risa 2013 *Designing Supply Chains for New Product Development (Supply and Operations Management)* Business Expert Press

ISBN-10 1606493957 ISBN-13 9781606493953

Approval Information

School Approval by Deirdre Lusby on 02-04-2015

Academic Council on 02-04-2015

Programme Membership

Code	Intake Year	Programme Title
GA_BBISG_H08	201500	Bachelor of Science (Honours) in Business Information Systems
GA_BRURA_H08	201500	Bachelor of Business (Honours) in Rural Enterprise and Agri-business
GA_BBUAG_H08	201500	Bachelor of Business (Honours)
GA_BBENG_H08	201500	Bachelor of Business (Honours) with Entrepreneurship
GA_BMASG_H08	201500	Bachelor of Business (Honours) in Marketing and Sales
GA_BRUAG_H08	201500	Bachelor of Business (Honours) in Rural Enterprise and Agri-Business