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| Module Title: | Supply Chain Management - Introduction |
| Credits: | 10 |
| NFQ Level: | 6 |
| Module Delivered In | 10 programme(s) |
| Teaching & Learning Strategies: | Lectures - communication of knowledge and ideas from the lecturer to the student. Problem Solving Exercises - student will work as part of a team and will work together to resolve various legal scenarios. Class Discussion/Debate - Students will be encouraged to actively participate in the class sessions which will develop their analytical and communication skills. E-Learning - It is envisaged that the module will be supported with on-line learning materials. Self-Direct Independent Learning - the emphasis on independent learning will develop a strong and autonomous work and learning practices. |
| Module Aim: | The aim of this module is to introduce the student to the field of logistics and supply chain management. |
| Learning Outcomes | |
| <i>On successful completion of this module the learner should be able to:</i> | |
| LO1 | Distinguish between logistics and supply chain management. |
| LO2 | Describe the activities that comprise the internal and external supply chain of manufacturing and distribution organisations. |
| LO3 | Compare and contrast supply chain management in Retail, Distribution and in Manufacturing, and identify inventory management tools appropriate to each sector. |
| LO4 | Perform basic inventory management calculations based on EOQ, orderpoint, and periodic review. |
| Pre-requisite learning | |
| Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i> | |
| No recommendations listed | |
| Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i> | |
| No incompatible modules listed | |
| Co-requisite Modules | |
| No Co-requisite modules listed | |
| Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i> | |
| No requirements listed | |

Module Content & Assessment

| Indicative Content |
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| Supply Chain Management - Introduction 10% Introduction and Overview of Logistics and SCM; |
| The Value Chain 10% Porter's Value Chain; Linking internal and external value chains; Outsourcing; Managing product, information and financial flows; |
| The Internal Supply Chain 25% New Product Development and Introduction; Purchasing; Inbound Logistics; Receiving and Stores Management; Works Order Picking; Manufacturing Processes; Manufacturing Strategies; Warehousing; Sales Order Processing; Despatch; Reverse Logistics |
| The External Supply Chain - Down-stream 25% Retail Grocery; Category Management; Efficient Consumer Response; Retail Technology; Central Distribution; Retail Fashion; Quick Response, Warehousing and Distribution. |
| The External Supply Chain - Up-stream 20% Commodity Markets; Production; Transport Modes and Infrastructure; Global Supply Chains. |
| Supply Chain Integration 10% Collaborative Planning Forecasting and Replenishment; The role of Information and Communications Technology; The role of Purchasing Management; Buyer/Supplier Relationships. |

| Assessment Breakdown | % |
|----------------------------------|--------|
| Continuous Assessment | 30.00% |
| End of Module Formal Examination | 70.00% |

| Continuous Assessment | | | | |
|------------------------|--------------------------------|-------------------|------------|-----------------|
| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
| Short Answer Questions | Class Test | 1,2 | 10.00 | Week 10 |
| Essay | Individual Academic Essay | 1,2 | 10.00 | Week 14 |
| Project | Group Project and Presentation | 2,3 | 10.00 | Week 27 |

No Project

No Practical

| End of Module Formal Examination | | | | |
|----------------------------------|-----------------------------------|-------------------|------------|-----------------|
| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
| Formal Exam | End-of-Semester Final Examination | 1,2,3,4 | 70.00 | End-of-Semester |

ITCarlow reserves the right to alter the nature and timings of assessment

Module Workload

| Workload: Full Time | | |
|----------------------------|------------------|--|
| <i>Workload Type</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Lecture | Every Week | 3.00 |
| Independent Learning | Every Week | 4.00 |
| Total Hours | | 7.00 |

| Workload: Part Time | | |
|----------------------------|------------------|--|
| <i>Workload Type</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Lecture | Every Week | 1.50 |
| Independent Learning Time | Every Week | 5.50 |
| Total Hours | | 7.00 |

Module Delivered In

| Programme Code | Programme | Semester | Delivery |
|-----------------------|--|-----------------|-----------------|
| CW_BBADM_D | Bachelor of Business in Business Administration | 2 | Elective |
| CW_HHIBU_B | Bachelor of Business (Honours) in International Business | 2 | Elective |
| CW_BBLAW_B | Bachelor of Business (Honours) in Business with Law | 2 | Elective |
| CW_BBHRM_B | Bachelor of Business (Honours) in Human Resource Management | 2 | Elective |
| CW_BBOPT_D | Bachelor of Business with Options in Management. International Business, Supply Chain Management, Marketing, Human Resource Management | 2 | Elective |
| CW_BRLMB_B | Bachelor of Business(Honours) in Management | 2 | Elective |
| CW_BBBBM_B | Bachelor of Business(Honours) in Management | 2 | Elective |
| CW_BBSCM_B | Bachelor of Business(Honours) in Supply Chain Management | 2 | Mandatory |
| CW_BBBUS_C | Higher Certificate in Business | 2 | Elective |
| CW_BBLAW_C | Higher Certificate in Business with Law | 2 | Elective |