

Summary Information

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| Module Code | 5058YPCBM |
| Formal Module Title | Supply Chain Operations |
| Owning School | Business and Management |
| Career | Undergraduate |
| Credits | 20 |
| Academic level | FHEQ Level 5 |
| Grading Schema | 40 |

Teaching Responsibility

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| LJMU Schools involved in Delivery |
| LJMU Partner Taught |

Partner Teaching Institution

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| Institution Name |
| YPC International College (Kolej Antarabangsa YPC) |

Learning Methods

| Learning Method Type | Hours |
|----------------------|-------|
| Lecture | 11 |
| Seminar | 11 |
| Workshop | 22 |

Module Offering(s)

| Display Name | Location | Start Month | Duration Number Duration Unit |
|--------------|----------|-------------|-------------------------------|
| JAN-PAR | PAR | January | 12 Weeks |

Aims and Outcomes

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| Aims | This module aims to provide students with an understanding of the various components, processes, and strategic issues in supply chain operations. It introduces students to the many critical facets of supply chain management and illustrates the importance to successful supply chain practices. |
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After completing the module the student should be able to:

Learning Outcomes

| Code | Number | Description |
|------|--------|--|
| MLO1 | 1 | Identify components of a supply network and understand the boundaries of supply chain operations. |
| MLO2 | 2 | Illustrate what a process approach to supply chain management means and describe technologies used in efficient supply chain operations. |
| MLO3 | 3 | Plan and design supply network processes based on 'best practice'. |
| MLO4 | 4 | Demonstrate the importance of having the appropriate logistics network design. |
| MLO5 | 5 | Evaluate supply chain strategies with the aim of improving them, using state-of-the-art models, concepts and solution methods. |

Module Content

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| Outline Syllabus | Understanding the Supply Chain Process Mapping Inventory Management Network Design Information Technology in Supply Chain The Synchronous Supply Chain Planning Supply and Demand Distribution Strategies Global Logistics and Risk Management |
| Module Overview | |
| Additional Information | This module is designed to help students understand how organisations use the supply chain to create value for their customers. It starts off with process mapping, which is a basic skill any supply chain manager or practitioner should have and then goes on to cover other topics ranging from inventory management, logistics network planning, supply contracts, information technology, risk management etc. With the use of beer game simulation and case study examples, student can appreciate the relevance of theory to practice and vital skills such as problem solving; critical thinking; analytical; communication and interpersonal skills will be developed through class exercises, projects and presentations. |

Assessments

| Assignment Category | Assessment Name | Weight | Exam/Test Length (hours) | Module Learning Outcome Mapping |
|---------------------|-----------------------------|--------|--------------------------|---------------------------------|
| Report | 2500 word Analytical Report | 70 | 0 | MLO1, MLO2, MLO3, MLO4, MLO5 |
| Presentation | 15min Strategy Presentation | 30 | 0 | MLO3, MLO4, MLO5 |

Module Contacts

Module Leader

| Contact Name | Applies to all offerings | Offerings |
|-------------------|--------------------------|-----------|
| Olatunde Durowoju | Yes | N/A |

Partner Module Team

| Contact Name | Applies to all offerings | Offerings |
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