

Module Title: Supply Chain Operations	Level: 5	Credit Value: 20
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Module code: BUS561	Cost Centre: GAMG	JACS2 N210 code:
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Trimester(s) in which to be offered:	Trimester 1 & 2	With effect from: September 2016
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<b>Office use only:</b> To be completed by AQSU:	Date approved: April 2016 Date revised: - Version no: 1
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Existing/New: New	Title of module being replaced (if any):
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Originating School: Business	Module leader: Dr Jan Green
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Module duration (total hours):	200	Status: core/option/elective (identify programme where appropriate):
Scheduled learning & teaching hours	33	
Independent study hours	167	
Placement hours	0	

Programme(s) in which to be offered:	Pre-requisites per programme (between levels):
BA (Hons) Applied Business	None

**Module Aims:**

To present the theoretical elements which contribute to the effective operation of a supply chain within a contemporary business scenario where turbulence and rapid customer responses are a priority.

To encourage the use and application of theory to business issues related to the core process of meeting supply, demand and logistics issues

**Expected Learning Outcomes:**

At the end of this module, students should be able to:

**Knowledge and understanding**

1. Structure, organize and analyse a concise systematic literature review to provide an insight into the emergent trends related to supply chain operations.
2. Apply supply chain operations principles to a variety of business situations and evaluate the resulting intended benefits.
3. Construct a supply chain operations network diagram to emphasise order and sequence of processes and practices to indicate a synthesis of knowledge between operations management and supply chain management.

*Key skills for employability*

- KS1* Written, oral and media communication skills  
*KS2* Leadership, team working and networking skills  
*KS3* Opportunity, creativity and problem solving skills  
*KS4* Information technology skills and digital literacy  
*KS5* Information management skills  
*KS6* Research skills  
*KS7* Intercultural and sustainability skills  
*KS8* Career management skills  
*KS9* Learning to learn (managing personal and professional development, self management)  
*KS10* Numeracy

**Assessment:**

Assessment	Learning Outcomes to be met	Type of assessment	Weighting	Duration (if exam)	Word count or equivalent if appropriate
1	1	Literature Review	50%	n/a	2000
2	2 & 3	Group Project	50%	n/a	2000

**Indicative Assessment One:**

A systematic literature review enables students to engage in independent study and set their own boundaries and parameters within the domain of a diverse topic.

**Indicative Assessment Two:**

The essence supply chain operations is effective and clear linkages throughout a business and requires effective communication, the essence of an effective project where the outcome is to produce an explanatory visual of use to practitioners.

Students on the BA (Hons) Applied Business programme will undertake assessment tasks based on their partnered employer.

### **Learning and Teaching Strategies:**

A theoretical perspective to provide an academic foundation drawn from the body of knowledge will be provided in a logical sequence through a lecture format which may be pre-recorded or delivered in person by the module leader.

An integral aspect of the lecture will be to draw on business examples and practice and encourage students to contribute with examples which may be reported in the media, or through case studies.

Seminars will provide an opportunity to apply the knowledge and skills acquired in the lecture through revision, the encouragement of independent study, group learning and critical thinking. Questions and debate will be welcomed throughout along with smaller group exercises and tutorials to provide support and guidance related to the modular assignments.

### **Syllabus outline:**

Introduction to Supply Chain and Operations Management; terminology and developments  
Managing Capacity  
Supply and Demand Management  
Forecasting  
Inventory Management  
Logistics Management  
Metrics and Measurements  
Quality Function  
Sourcing  
Controls  
Quality  
Supply Chain Information

### **Bibliography:**

#### **Essential reading**

Bozarth, C.C. and Handfield, R.B. (2016) Introduction to Operations and Supply Chain Management, 4th Edn. Pearson Education, Harlow.

#### **Other Indicative Reading**

Chopra, S and Meindl, P. (2013) Supply Chain Management, 6th Edn., Pearson Education, Harlow.

Heizer, J. and Render, B. (2013) [\*Operations Management: Sustainability and Supply Chain Management\*](#), 12<sup>th</sup>., Boston: Pearson.

***This book is available as an e-book. Please note that students will need to be logged into [Athens](#) to access it.***

Mentzer, J.T. (2004) Fundamentals of Supply Chain Management, Sage Publications, London.

Myerson, P. (2015) Supply Chain and Logistics Management, Pearson Education, Harlow

Oakland, J.S. (2014) Total Quality Management and Operational Excellence, 4th Edn., Routledge, Abingdon.

Pawar, K., Rogers, H, Potter, A and Nain, M. (2016) Developments in Logistics and Supply Chain Management, Palgrave, Basingstoke.

Slack, N, Brandon-Jones, A and Johnston, R. (2013) Operations Management, 7th Edn., Pearson Education, Harlow.

**Journals**

International Journal of Operations and Production Management

International Journal of Physical Distributions and Logistics Management

Journal of Supply Chain Management

Logistics Information Management

International journal of supply chain management

**Websites**

Institute of Operations Management – [www.iomnet.org.uk](http://www.iomnet.org.uk)

Institute for Supply Management – [www.ioscm.com](http://www.ioscm.com)