

## MODULE DESCRIPTOR

<b>MODULE TITLE</b>	OPERATIONS MANAGEMENT, SUPPLY CHAINS AND DIGITALISATION		
<b>MODULE CODE</b>	BM4028 (L7)	<b>CREDIT VALUE</b>	20 UK CREDITS / <u>10 ECTS</u>
<b>SCHOOL</b>	SCHOOL OF BUSINESS AND MANAGEMENT		

### MODULE AIMS

To give an overview of the nature of Operations Management and Strategy including the strategic decision-making process and an insight into how they deal with the challenges that they encounter.

To enable students to apply various theoretical approaches to practical examples and to critically discuss current issues within the subject.

To provide students with a comprehensive understanding and knowledge of the concepts of Supply Chain Management and its contribution to the global economy. This will include strategic supply chain skills, decision making in key areas such as procurement and logistics. It emphasises digitalisation techniques in the real world that aim to address the changing nature of operations in response to supply and demand.

The first part of the module focuses on Operations Management Strategy and the second on Strategic Supply Chain Management and Digitalisation.

The students will have the opportunity to develop their understanding and ability to apply relevant academic theories, tools, and techniques to practical real-world cases to appraise their impact and analyse their relevance and value in the workplace. Students will be able to critically appraise how processes can contribute to the achievement of organisational strategy and vision

### MODULE CONTENT

#### Part A

Developing a systems and process mind – understanding the nature and context of systems and process management

The design of operational strategies: managing processes and performance to deliver business goals and meet customer expectations

Processes, systems and supply networks

The application of Lean, Agile and Value Chain Philosophies

Quality Management, Systems and Improvement Techniques

#### Part B

Sourcing

Procurement

Negotiation and contract management

Logistics

Technological innovations: Enterprise systems

Operation strategy formulation in SCM

Entrepreneurial SCM

Supply chain risk

Supply chain value and performance

### INTENDED LEARNING OUTCOMES

**On successful completion of this module a student will be able to:**

1. Critically analyse the design of operations (core or support) and the management of systems and processes within an organisational context (the way it works) and the subsequent impact that it may have on the effectiveness, efficiency, and competitiveness of an organisation.
2. Contrast the utilisation of strategic tools in supply chain management and their influence on the effectiveness of organisation.
3. Appraise the impact of innovative digitalisation on value added supply chain activities.
4. Determine supply chain management techniques that are linked to social, environmental, and economic goals.

## TEACHING METHODS

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The module tutor/s will deliver the lecture material through asynchronous online lectures (recorded in MS Teams and accessible via Blackboard) followed by interactive activities and directions for further reading and research.

Students will have the opportunity to engage with a variety of activities across sessions, such as simulations, scenarios, expert talks, and reflection activities, and post their responses/views/ideas asynchronously on discussion boards. Students will also be provided with self-assessment quizzes, so that they can reflect on their progress. They will also be guided to use synchronous peer-to-peer discussions via MS Teams for specific activities, thus promoting and enabling the exchange of ideas and experiences. Students will also be asked to deliver responses on issues or questions via recorded messages on Teams, instead of written responses in the forum.

Following these interactive activities, students will receive feedback in various forms. For online quizzes, students will get real-time automatic feedback. For addressing other questions (e.g., relevant to a scenario or case study), rubrics are utilised so that students can self-evaluate their performance, thus promoting self-assessment. For sharing their ideas/views/valuations on the discussion forum, students will receive feedback from their tutors as well as their peers. Therefore, tutors will provide feedback by direct responses as well the other forms explained above. Where appropriate, students will be also provided with relevant further reading, web links and resources for independent study.

The purpose of incorporating such a large variety of activities is based on the importance of students' development of a diversity of transferable skills, along with providing an interesting and engaging environment for learning. Speakers from leading organizations or experts will be invited, where possible, to deliver live and recorded talks to further enhance the students' experience.

Students will also be provided with relevant further reading, weblinks and resources for independent study. Through independent study, students will be able to further enhance their knowledge in specific aspects discussed in the lecture which may be of interest to them. Different means of communication will be utilized by the tutor to offer support to the students based on the reported issue, e.g., MS Teams, Blackboard, and email. If the need arises, the module tutor will schedule live sessions to provide further feedback to the students.

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## ASSESSMENT METHODS

This module is assessed through one Portfolio Report and one Examination.