

# IB9NX-15 Recent Advances in Operations Management

**26/27**

**Department**

Warwick Business School

**Level**

Taught Postgraduate Level

**Module leader**

Pietro Micheli

**Credit value**

15

**Module duration**

10 weeks

**Assessment**

100% coursework

**Study location**

University of Warwick main campus, Coventry

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## Description

### Introductory description

Overview of recent research in key research streams in the field of operations management.

### Module aims

To make students aware of recent developments in Operations Management, engage them with seminal papers related to their PhD research, and establish a stronger connection between doctoral students and members of the Operations group.

### Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

This is the indicative list of topics to be covered:

- Introduction to operations management
- Operations strategy

- Supply chain management
- Performance measurement and management
- Continuous improvement
- Design of production and service processes
- Product and service development
- Servitization
- Environmental and social issues in operations management.

## Learning outcomes

By the end of the module, students should be able to:

- Understand the development of Operations Management as a field of inquiry
- Engage with and critique the main theories in Operations Management
- Have sufficient awareness of various tools and techniques from a variety of OM sub-fields, including supply chain management, performance management and improvement, and innovation.
- Critically reflect and apply relevant concepts and frameworks to your research

## Indicative reading list

[Reading lists can be found in Talis](#)

## Subject specific skills

Critically reflect and apply relevant concepts and frameworks to your research.  
Understand the development of Operations Management as a field of inquiry.

## Transferable skills

Engage with and critique the main theories in Operations Management.  
Have sufficient awareness of various tools and techniques from a variety of OM sub-fields, including supply chain management, performance management and improvement, and innovation.

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## Study

### Study time

| Type          | Required                     |
|---------------|------------------------------|
| Seminars      | 10 sessions of 3 hours (38%) |
| Private study | 48 hours (62%)               |
| Total         | 78 hours                     |

## Private study description

Self study and reflective learning.

## Costs

No further costs have been identified for this module.

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## Assessment

You do not need to pass all assessment components to pass the module.

### Assessment group A

|                                    | Weighting | Study time | Eligible for self-certification |
|------------------------------------|-----------|------------|---------------------------------|
| Assessment component               |           |            |                                 |
| Individual assignment              | 80%       | 58 hours   | Yes (extension)                 |
| Reassessment component is the same |           |            |                                 |
| Assessment component               |           |            |                                 |
| In class presentation              | 20%       | 14 hours   | Yes (extension)                 |
| Reassessment component is the same |           |            |                                 |

## Feedback on assessment

Module leader feedback.

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## Availability

There is currently no information about the courses for which this module is core or optional.