

## Course Descriptions Bachelor 2021-2022

Course Title Operations and Supply Chain Management

Course Code BENC2006

ECTS Credits 5,0

Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	30-8-2021	15-10-2021		X		X	L

Level no level

Coordinator Christof Defryn For more information: [c.defryn@maastrichtuniversity.nl](mailto:c.defryn@maastrichtuniversity.nl)

Language of instruction English

Goals

- \* Know the important role and nature of operations management in international business
- \* Be able to apply and develop techniques for understanding, design, and management of operations
- \* Understand and be able to judge the role and functioning of quantitative models for decision making in the management of operations
- \* Be able to derive managerial decisions based on the outcome of these models

Description

The main focus of operations management is on the transformation of inputs into outputs. It controls all activities involved in producing goods and providing services, and involves the study of the best ways to do this.

In this course, we will explore various topics from the field of operations management that are or crucial importance to remain competitive in today's world. We start at the strategic level and make our way towards operational decision making. More specifically, the following topics will be covered: forecasting, simulation and waiting lines, material requirements planning, production and assembly lines and routing.

Literature Course notes will be made available by the coordinator. No additional textbook is required.

Prerequisites

Keywords

Teaching methods Lecture / Groupwork

Assessment methods Participation / Written Exam

Evaluation in previous academic year For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

This course belongs to the following programme / specialisation

Bachelor Business Engineering

Year 2 Elective Course(s)