

Course Descriptions Bachelor 2022-2023

Course Title Operations Management for Business Analytics
 Course Code EBC2181
 ECTS Credits 6,5
 Assessment Whole/Half Grades

| Period | Start | End | Mon | Tue | Wed | Thu | Fri |
|--------|-----------|----------|-----|-----|-----|-----|-----|
| 5 | 17-4-2023 | 9-6-2023 | X | | X | | |

Level no level

Coordinator Christof Defryn For more information: c.defryn@maastrichtuniversity.nl

Language of instruction English

Goals

- * Students are familiar with different problems that occur within operations management.
- * Students can recognise different problems from the field of operations management, and can select and apply an appropriate solution technique.
- * Students can give an appropriate interpretation to numbers that result from quantitative solution techniques and suggest appropriate actions.
- * Students are familiar with operations management practices in industry.
- * Students can give an appropriate interpretation to numbers that result from quantitative solution techniques.
- * Students can work in multi-cultural teams to solve operations management problems.

Description

PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. A RE-EMERGENCE OF THE CORONAVIRUS AND NEW COUNTERMEASURES BY THE DUTCH GOVERNMENT MIGHT FORCE COORDINATORS TO CHANGE THE TEACHING AND ASSESSMENT METHODS USED. THE MOST UP-TO-DATE INFORMATION ABOUT THE TEACHING/ASSESSMENT METHOD(S) WILL BE AVAILABLE IN THE COURSE SYLLABUS.

The course focusses on the application of techniques in the area of Operations Management. Covered topics include forecasting, scheduling and aggregated planning, supply chain planning, capacity planning and inventory management. Addressing these topics, several quantitative techniques that have shown to be successful in these areas will be applied on examples and exercises. The course combines cases, exercises and discussions, facilitated by your tutor and the students themselves. Facilitations cover exercises, cases and the reading of research papers.

Formative assessment: Feedback by tutor and peers during tutorial meetings
 Summative assessment: Written exam and in-course assignments
 Instructional approach: Tutorial meetings, guest lecture, in-course assignments

Literature

Prerequisites

Keywords

Teaching methods

Assessment methods

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 Analytics | Year 2 Compulsory Course(s) |
| SBE Exchange Bachelor | Bachelor Exchange Courses |
| SBE Exchange Master | Bachelor Exchange Courses |