Course Descriptions None 2022-2023

Course Title	Supply Chain Operations*
Course Code	EBC4127
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	5-9-2022	21-10-2022		X			

Level	Advanced
Coordinator	Marianne Rutten For more information:m.peeters@maastrichtuniversity.nl
Language of instruction	English
Goals	The main goal of the course is to equip students with a toolbox of techniques that are indispensable in the understanding, design, and management of operations, both in production and services in a supply chain context.
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. This course addresses the basic operational processes in manufacturing and logistics which together form the primary processes of the supply chain. It will address operational issues in transportation (routing, loading, modal choices), warehousing (order processing, design, value added logistics), manufacturing (TQM, planning). The course will give detailed attention to the operational processes, but also to (quantitative) tools as they are available to measure, define and improve the processes. This course lays the foundation for all subsequent supply chain related programmed content. This course addresses issues in running and optimizing processes, which mostly take place within a company in the supply chain. Cases are selected from the literature as well as real-life company cases.
Literature	Operations and Supply Chain Management by F. Robert Jacobs and Richard Chase, Global Edition, 2014. ISBN 978-0-0771-5162-1.
Prerequisites	The basic prerequisites for the course are familiarity with linear programming modeling, statistics, and with MS Excel including the Solver plugin.
Teaching methods	PBL / Presentation / Assignment / 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

Master Global Supply Chain Management and Change	Compulsory Course(s)