Course Descriptions NonDegree 2018-2019

Course Title	Operations Management
Course Code	EBC2064
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	3-9-2018	26-10-2018	X		X		

Level	Intermediate
Coordinator	Christof Defryn For more information:c.defryn@maastrichtuniversity.nl
Language of instruction	English
Goals	Ability to understand and judge the role and functioning of quantitative models for decision making in the management of operations. Ability to use such models and derive managerial decisions. Ability to simulate real life situations and solve cases in the area of research. Ability to apply theoretical knowledge to practical (simulated) operational situations.
Description	The course focusses on the application of techniques in the area of Operations Management. Topics which are covered include Process Analysis, Project Management, Quality Control, Capacity Planning, Supply Chain Management, Inventory Management, Scheduling & Aggregate Planning, Lean Production/JIT, and Waiting Line Theory. Addressing these topics, several quantitative techniques that have shown to be successful in these areas will be applied on examples and exercises. Furthermore, said techniques are applied to an accurate interactive simulation, which takes the form of a computer game. The course combines cases, exercises and discussions, facilitated by students themselves. Facilitations cover both the learning materials resulting from the aforementioned game, and the mandatory hand-in assignments.
Literature	Recommended reading : "Management of Operations and Product Development", prepared by Grigoriev and Foubert (Maastricht University). McGraw-Hill Custom Publishing. Various research papers from the field of Operations Management.
Prerequisites	Advanced knowledge of the role and scope of Operations Management within Business. Advanced mathematical skills; ability to understand quantitative models and concepts, and apply these. Moderate level of understanding of simulation. Moderate level of knowledge concerning Linear Programming. An advanced level of English. An advanced level of expertise in PBL(Project Based Learning). From the above, it can be assumed that students taking this course have at the very minimum obtained the necessary knowledge in order to pass the course Management of Operations and Product Development (MOPD).
Teaching methods	PBL / Presentation / Assignment / Papers / Groupwork
Assessment methods	Final Paper / 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 Economics and Business Economics - Economics	IBE Electives
Bachelor Economics and Business Economics - Emerging Markets	Business Electives
Bachelor Economics and Business Economics - Emerging Markets	Major SCM
Bachelor Economics and Business Economics - Economics and Management of Information	Free Electives
Bachelor Economics and Business Economics - International Business Economics	Business Electives
Bachelor Economics and Business Economics - International Business Economics	Major SCM
Bachelor Econometrics and Operations Research	Business & Economics Electives
Bachelor International Business - Emerging Markets	Major SCM
Bachelor International Business	Business Electives (Major Accounting)
Bachelor International Business	Business Electives (Major Finance)
Bachelor International Business	Business Electives (Major Information Management)
Bachelor International Business	Business Electives (Major Marketing)
Bachelor International Business	Business Electives (Major Organisation)
Bachelor International Business	Business Electives (Major Strategy)
Bachelor International Business	Major SCM
SBE Exchange Bachelor	Bachelor Exchange Courses
SBE Exchange Master	Bachelor Exchange Courses
SBE Non Degree Courses	Bachelor Courses