UCLouvain

llsmg2053

2019

Operations Management

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

5 credits	30.0 h	Q2

Teacher(s)	Chevalier Philippe ;Van den Schrieck Jean-Christophe (compensates Chevalier Philippe) ;Van Vyve Mathieu ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	This course is both a basic course in operations management and in management science. Its scope consists of studying how operations management problems could be solved using mathematical models and techniques provided by operations research.
Aims	1 At the end of the class, students should be able o to specify the reference framework and the elements playing a part in the decision making process in the field of operations and production management ; to analyze these elements, in particular using mathematical models and techniques (without neglecting human factors), in order to help in the decision-making process. - - - - *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Content	The course starts with an introduction to the basics of operations management and production of goods and services. Next, two topics are studied : the design of a production system and the mid to short-term planning of operations. The quantitative tools are introduced progressively with their relevance Methods Lecture and exercises (cases and problems). In-class activities 0 Lectures 0 Interactive seminar 0 Micro-teaching (partly presented by students) 0 Exercices/PT 0 Problem based learning 0 Project based learning 0 role playing/simulation 0 other At home activities 0 Readings to prepare the lecture 0 Exercices to prepare the lecture 0 E-learning 0 Paper work 0 Students presentation 0 Other

Other infos	Prerequisite : basic course in mathematics, statistics and probabilities Evaluation : open book written exam (problem solving) Support : HEIZER J. and RENDER B., Operations Management, Pearson Education (2004) References : see support Pedagogic team : assistants of the POMS unit Internationalisation 0 CEMS course 0 international content (does the course tackle international issues related to the course content ?) 0 international guests 0 international case study 0 other : Corporate features 0 conference 0 case study 0 corporate game 0 corporate guest 0 company visit 0 other : Skills 0 presentation skills 0 writing skills 0 team work 0 individual autonomy 0 problem solving 0 decision making 0 time management 0 project management 0 multicultural work 0 critical thinking 0 assertiveness 0 other : Techniques and tools for teaching and learning 0 IT tools 0 Internet work 0 modelling 0 simulation 0 quantitative methods 0 qualitative methods 0 mathematics 0 technology and science 0 other :
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [60] in Management (shift schedule)	GEHD2M1	5		