mgest1222

2023

Production Management

5.00 credits	30.0 h + 10.0 h	Q2

Teacher(s)	De wolf Daniel (compensates Meskens Nadine) ;Meskens Nadine ;
Language :	French
Place of the course	Mons
Main themes	Current production management and the challenges of tomorrow, including increasing digitization (automation, RFID, software, etc.) and sustainable development. • Basic concepts • Short-term time series forecasts by the decomposition method • The basis of inventory management: Wilson's model • MRP • Scheduling with application in a hospital environment in the form of a game
Learning outcomes	**At the end of this learning unit, the student is able to :** Given the « competencies referential » linked to the LSM Bachelor in Management and Business Engineering, this course mainly develops the following competencies: • 2. Acquire a knowledge base • 3. Apply a scientific approach • 9.1. Manage work independently. At the end of the class, the student will be able to: • explain the basic concepts of production management; • apply different management techniques and tools used at different decision-making levels. • solve production-related optimization problems
Evaluation methods	Written examination of application exercises.
Teaching methods	• Lectures • Exercices in groups
Bibliography	• BAGLIN G., O. BRUEL, et al. (2013), Management Industriel et Logistique, Economica. • GIARD V. (2003), Gestion de la production et des flux, Economica.
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor : Business Engineering	INGM1BA	5		🔍
Bachelor in Management	GESM1BA	5		🔍