


5.00 credits

30.0 h + 10.0 h

Q2

|                             |  |
|-----------------------------|--|
| Language :                  | French   |
| Place of the course         | Mons   |
| Learning outcomes           |  |
| Evaluation methods          | <p>Written examination and realization of a group work corresponding to the modeling and the resolution by means of the Excel solver of a practical case of production".</p> <p>Two Teams sessions will be organized outside the course volume to answer students' questions on the formulation of the case (session 1) and the resolution of the model (session 2).</p> <p>For the evaluation of the subject, 25% of the exam mark will be made up of the mark obtained in the group work.</p>  |
| Teaching methods            | <p>Lecture during which students are frequently invited to ask questions</p> <p>Proposal of exercises associated with conce</p>  |
| Content                     | <p>The main objectives of the course are to</p> <ul style="list-style-type: none"> <li>• Introduce the basic concepts of operations management</li> <li>• Present a frame of reference structuring the management functions</li> <li>• Introduce to the techniques, methods and tools used at the different levels of analysis and decision-making</li> <li>• Illustrate the different interactions of the functions making up the management of operations between themselves and with the other management functions of the company</li> <li>• Be able to apply the concepts and methods seen during production to a case study close to a real production case</li> </ul> <p>It establishes links with the subjects of other courses such as management control, project management, etc.</p> <p>In this way, at the end of this course, the student will be able to understand and analyze globally the functioning of operations within a manufacturing company and to propose changes.</p> |
| Inline resources            | <p>The course materials available on Moodle consist of:</p> <ul style="list-style-type: none"> <li>• powerpoint presentations in French containing the main concepts exposed, definitions, explanations and methods of resolution.</li> <li>• a complete syllabus;</li> <li>• exercise solutions that will be accessible after the class session.</li> </ul>   |
| Bibliography                | <p>[1] GIARD, Gestion de la production et des flux, Economica, 2003.</p> <p>[2] BAGLIN, BRUEL, KERBACHE, NEHME et VAN DELFT, Management Industriel et Logistique, Economica, 2013.</p> <p>[3] MAC CLAIN, et al., Operations Management: Production of Goods and Services, Prentice Hall, 1992.</p>   |
| Other infos                 | The course is given in French.   |
| Faculty or entity in charge | CLSM   |

| <b>Programmes containing this learning unit (UE)</b> |                         |         |              |   |
|--|-------------------------|---------|--------------|---|
| Program title  | Acronym                 | Credits | Prerequisite | Learning outcomes   |
| Master [60] in Management<br>(shift schedule)        | <a href="#">GEHM2M1</a> | 5       |              |  |