

## FUC - Ficha de Unidade Curricular

### Curricular Unit's File

<b>Code</b>	02031
<b>Name (PT)</b>	Gestão Integrada das Operações
<b>Name (EN)</b>	Integrated Operations Management
<b>Regime</b>	Semestral
<b>Level</b>	1.º Ciclo
<b>Teaching language</b>	Português , Inglês
<b>School</b>	Escola de Gestão (EG)
<b>Department</b>	DMOG
<b>Scientific area</b>	Tecnologia, Produção e Operações (TPO)
<b>Responsible academic staff</b>	Ana Lúcia Henriques Martins
<b>Pre-requisites</b>	None
<b>Objectives</b>	The overall goal of this course is to provide students with an overall approach to operations management and its impact in terms of company ability to compete, highlighting the alignment of operations goals with company's goals, the design of the operations system and its planning and management, throughout time.
<b>Learning outcomes</b>	LG1: Understand the basic concepts of operations management and align operations strategy options with corporate strategy; LG2: Design of the products and services that will satisfy customers' needs and of the processes required to produce them; LG3: Planning and control of the resources needed by the processes and assure availability of resources and other materials needed to satisfy customers' needs.
<b>Syllabus</b>	I - Introduction S1: Introduction S2: Operations strategy. II - System Design S3: Process analysis. S4: Product development S5: Supply network design S6: Layout and flow. III - Planning and control S7: Aggregate planning. S8: Materials Management S9: Supply Chain Management S10: Just in Time and Lean systems S11: Quality Management
<b>Assessment</b>	OPTION 1: Assessment throughout the term: 1. Involvement in class activities - 20%. - Two tests in class. 2. Mid-term exam - 30%. 3. Individual end-of-term exam - 50%. Passing grade is 10 points, with at least 8 points (out of 20) in each evaluation component.  OPTION 2: End-of-term exam - 100%. A positive evaluation means a grade of 10 or above (over 20).
<b>Teaching methodology</b>	During the term the following methodologies will be used: - Traditional / lectures for presentation of theoretical frameworks. - Participative methodologies in the analysis and solution of exercises. - Participative methodologies in the analysis and discussion of case studies, and other supporting texts. - Self-study

<b>Demonstration of the syllabus coherence with the curricular unit's objectives</b>	The match between the Learning goals (LG) and the Syllabus (S) is as follows: LG1. - S 1 + S 2 LG2. - S 3 + S 4 + S 5 + S 6 LG3. - S 7 + S 8 + S 9 + S 10 + S 11
<b>Demonstration of the coherence between the teaching methodologies and the learning outcomes</b>	The links between teaching methodologies and Learning goals (LG) are as follows: - Traditional / lectures for presentation of theoretical frameworks: OA 1 + 2 + 3 - Participative methodologies in the analysis and solution of exercises: OA 2 + 3 - Participative methodologies in the analysis and discussion of case studies, and other supporting texts: OA 1 + 2 + 3 - Self-study: OA 1 + 2 + 3
<b>Main Bibliography</b>	Os alunos abrangidos pelo 'Regulamento Interno para Estudantes com Estatutos Especiais' deverão contactar o docente da UC, ou o Coordenador da mesma, na primeira semana de aulas de cada semestre, com vista ao enquadramento dos processos de aprendizagem e avaliação na UC
<b>Complementary Bibliography</b>	Students under the "Internal regulation for Students with Special Statutes" should contact the Curricular Unit professor or coordinator during the first week of classes of each semester to allow for framing of learning processes and evaluation of the curricular unit.