

## 330069 - OP - Operations Management

Coordinating unit:	330 - EPSEM - Manresa School of Engineering
Teaching unit:	732 - OE - Department of Management
Academic year:	2019
Degree:	BACHELOR'S DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATIC CONTROL ENGINEERING (Syllabus 2016). (Teaching unit Compulsory) BACHELOR'S DEGREE IN MECHANICAL ENGINEERING (Syllabus 2016). (Teaching unit Compulsory) BACHELOR'S DEGREE IN CHEMICAL ENGINEERING (Syllabus 2016). (Teaching unit Compulsory) BACHELOR'S DEGREE IN ELECTRICAL ENGINEERING (Syllabus 2009). (Teaching unit Compulsory) BACHELOR'S DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATIC CONTROL ENGINEERING (Syllabus 2009). (Teaching unit Compulsory) BACHELOR'S DEGREE IN MECHANICAL ENGINEERING (Syllabus 2009). (Teaching unit Compulsory) BACHELOR'S DEGREE IN CHEMICAL ENGINEERING (Syllabus 2009). (Teaching unit Compulsory)
ECTS credits:	6
Teaching languages:	Catalan, English

### Teaching staff

Coordinator:	Dr. Fortuny Santos, Jordi
Others:	Dra. Lujan Blanco, Itziar

### Degree competences to which the subject contributes

#### Specific:

1. (ENG) Coneixement adient del concepte d'empresa, el seu marc institucional i jurídic. Organització i gestió d'empreses.

#### Transversal:

2. ENTREPRENEURSHIP AND INNOVATION - Level 2. Taking initiatives that give rise to opportunities and to new products and solutions, doing so with a vision of process implementation and market understanding, and involving others in projects that have to be carried out.
3. SELF-DIRECTED LEARNING - Level 2: Completing set tasks based on the guidelines set by lecturers. Devoting the time needed to complete each task, including personal contributions and expanding on the recommended information sources.
4. THIRD LANGUAGE. Learning a third language, preferably English, to a degree of oral and written fluency that fits in with the future needs of the graduates of each course.

### Learning objectives of the subject

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### Study load

Total learning time: 150h	Hours large group:	30h	20.00%
	Hours medium group:	0h	0.00%
	Hours small group:	30h	20.00%
	Guided activities:	0h	0.00%
	Self study:	90h	60.00%

### Content

.	Learning time: 75h Theory classes: 15h Laboratory classes: 15h Self study : 45h
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### Planning of activities

.	Hours: 60h Laboratory classes: 30h Self study: 30h
(ENG) 2. EXAMEN ESCRIT	
	Hours: 32h Theory classes: 6h Self study: 26h

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### Bibliography

#### Basic:

Heizer, Jay; Render, Barry. Principles of operations management. Global ed. 9th ed. Upper Saddle River: Pearson education, 2014. ISBN 9780273787082.

#### Complementary:

Jacobs, F. R.; Chase R. B. Operations and supply chain management. Global ed. 14th ed. New York: McGraw-Hill Irwin, 2014. ISBN 9780077151621.

Monks, Joseph G. Schaum's outline of theory and problems of operations management. 2nd ed. New York: McGraw-Hill, 1996. ISBN 9780070427648.

#### Others resources:

##### Audiovisual material

Vídeos incorporats en el llibre de text o procedents de YouTube

Resource

##### Computer material

Full de càlcul