

Gestão Industrial



Code 8296

Department Mechanical Engineering and Industrial Management Department

Degree Licenciado

Registry R/A-Cr 55/2014 from 09-05-2014

Duration 3 year(s)

Regime Daytime

One of the following groups:

National 16 Mathematics
entrance or
exams 04 Economy
16 Mathematics

Course director José Luís Henriques da Silva

DEMGI – Departamento de Engenharia Mecânica e

Course Gestão Industrial

Secretariat email: demgi@estgv.ipv.pt



Curricular structure

1st Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
8296-31823 - Linear Algebra and Analytical Geometry	19,5	39	-	-	6
8296-3182888 - Calculus I	19,5	39	-	-	6
8296-318260 - Materials Sciences	13	32,5	19,5	-	6
8296-31821362 - Business Communication	19,5	39	-	-	6
8296-318218 - Physics	13	32,5	19,5	-	6

T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types

1st Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
8296-31821364 - Statistic Analysis and Probabilities	19,5	39	-	-	6
8296-3182889 - Calculus II	19,5	39	-	-	6
8296-3182286 - Organizational Behavior	-	65	-	-	6
8296-31821366 - Economics	19,5	39	-	-	6
8296-31821363 - Fundamentals of Electricity	13	32,5	19,5	-	6

T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types

2nd Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
8296-3182195 - Automation and Control	13	32,5	19,5	-	6
8296-3182106 - Management Accountancy	19,5	39	-	-	6
8296-3182742 - Production and Operation Management	13	32,5	19,5	-	6
8296-3182473 - Industrial Electrical Installations	13	32,5	19,5	-	6
8296-3182523 - Optimization Methods	19,5	39	-	-	6

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2nd Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
8296-3182477 - Maintenance Management	13	32,5	19,5	-	6
8296-3182478 - Energy Management	13	32,5	19,5	-	6
8296-3182679 - Logistics Management	13	32,5	19,5	-	6
8296-3182396 - Industrial Marketing	19,5	39	-	-	6
8296-31821367 - Manufacturing Processes	13	32,5	19,5	-	6

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3rd Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
8296-3182746 - Management Control	19,5	39	-	-	6
8296-31821243 - Product Design	13	26	19,5	-	6
8296-3182160 - Human Resource Management	19,5	39	-	-	6
8296-31821365 - Industrial Legislation and Standardization	19,5	39	-	-	6
8296-3182896 - Industrial Project I	-	39	19,5	29,5	6

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

3rd Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
8296-3182745 - Investment Analysis	19,5	39	-	-	6
8296-3182154 - Corporate Strategy	19,5	39	-	-	6
8296-3182447 - Quality Management	13	26	19,5	-	6
8296-3182954 - Innovation and Entrepreneurship	19,5	39	-	-	6
8296-3182897 - Industrial Project II	-	39	19,5	29,5	6

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

Scientific areas

Areas	ECTS
Basic Sciences	48
Industrial Management	102
Technologies and Processes	30
Total	180 (*)

(*) Some course units are assigned to more than one scientific area. The total ECTS of the course is .