

School of Industrial Engineering of Toledo 3-year Degree in Industrial Engineering, focus in Electricity		
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Description of the Syllabus	Professional Qualification	3-year Degree in Industrial Engineering, focus in Electricity
	Duration	Three years
	Division in Cycles	One cycle

Name of the Faculty/Centre	School of Industrial Engineering of Toledo
Professional Qualification	3-year Degree in Industrial Engineering, focus in Electricity
Date of the Syllabus	1999
Overall number of classes in UCLM credits	255 UCLM credits
Overall number of classes in ECTS credits	180 ECTS credits

First Year

Code	Subject	ECTS credits
20101	Fundamental Physics of Engineering	9.0
20103	Circuits I	6.5
20104	Basic Mathematics I – Calculus	5.5
20105	Basic Mathematics II – Algebra	5.5
20106	Chemistry	4.0
20107	Basic Computing	5.5
20102	Graphic Expression and Computer Assisted Design	6.5
20109	Statistical Methods in Engineering	5.5
20111	Ampliation of Mathematics for Electrical Engineering.	5.5
20114	Electric and Magnetic Materials	2.5

20115	Circuits II	4.0
	TOTAL:	60

Second Year

Code	Subject	ECTS credits
18006	Ampliation of Mathematics	9.5
18007	Science of Materials	5.5
18008	Theory of Circuits	9.5
18009	Technical Drawing II	7.5
18010	English I	4.5
18011	Electrotechnology	9.5
18012	Basic Electronics	9.5
18013	Electronic Technology	4.5
	TOTAL:	60

Third Year

Code	Subject	ECTS credits
18014	Technical Office	4.5
18015	Industrial Electronics	13.5
18016	Automatic Calculus	12.0
18017	English II	5.5
18018	Technical Mechanics	5.5
18019	Thermodynamics and Thermotechnology	5.5
18020	Business Economics and Accountancy	5.5
18021	Work Security and Hygiene	2.5
18022	Power Systems	5.5
	TOTAL:	60