

(*) Indicates that there are additional or special requirements, consult the end of the document



Santa Cruz de Marcenado, 27
28015 Madrid - España.

Industrial Technology Engineering

Integrated Programme at the Polytechnic School
International offering 2023-2024

FIRST SEMESTER (September to January only)

ECTS	Acad. Year	Course Name	Language
6	1	Mathematics I	Spanish
6	1	Calculus I	Spanish
6	1	Physics I	Spanish
6	1	Graphic Expression I	Spanish
6	1	Fundamentals of Computer Science	Spanish/English
6	2	Circuits	Spanish
6	2	Fundamentals of Materials Science	Spanish
6	2	Statistics	Spanish
6	2	Automatic Regulation	Spanish
3	2	Mechanics	Spanish
6	3	Electronics	Spanish
6	3	Material resistance	Spanish/English
6	3	Thermal Engineering	Spanish
6	3	Fluid mechanics	Spanish/English
6	3	Machine Theory	Spanish/English
6	4	Industrial processes	Spanish/English
6	4	Instrumentation and Industrial Computing	Spanish
6	4	Projects	Spanish
6	4	Chemical engineering	Spanish
3	4	Business Management and Organization	Spanish/English

SECOND SEMESTER (January to May / June only)

ECTS	Acad. Year	Course Name	Language
6	1	Mathematics II	Spanish
6	1	Calculus II	Spanish
6	1	Graphic Expression II	Spanish
6	1	Physics II *	Spanish
6	1	Chemistry *	Spanish
6	2	Electric machines	Spanish
6	2	The Company and its Environment	Spanish/English
6	2	Electromagnetism and Fields and Waves	Spanish
6	2	Thermodynamics	Spanish/English
6	2	Lead I	Spanish
6	3	Materials Engineering	Spanish/English
6	3	Fluid-mechanical Systems and Machines	Spanish
6	3	IT and Communications	Spanish
6	3	Lead II	Spanish

Syllabi:

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6	4	Digital systems *	Spanish
6	4	Environment and Sustainability	Spanish/English
6	4	Calculation, Design and Testing of Machines	Spanish/English

*** ANOTACIONES O REQUISITOS ESPECIALES:**

Physics II *

Cannot be followed remotely.

Chemistry *

Cannot be followed remotely.

Digital systems *

Cannot be followed remotely.