

Course

Gas technology engineering



General content

Subject	Credits
Introduction to home appliances sector	0.2
Application of home appliances	4
Smart home and conectivity	1.6
Regulations and standardization	1.6
Product and production engineering	2.6
Economical performance and costs	0.8
Innovation management	0.4
Intellectual property	0.8
	12

Specific content

Subject	Credits
Introduction to HW&SW in home appliances	3
Fluid mechanical design	3
Advanced fluid mechanics	3
Heat transfer and heat exchangers	3
Cooling & heating cycles in Home appliances	4.5
Characterization of materials	3
Energy storage and radiative heat transfer	3
Laminar burner design	3
Advanced computer-aided design	3
Design for assembling	1.5
	30

Industrial internship **12**

Master's thesis **6**

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