

Course

## Advanced manufacturing 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
	<b>12</b>

### Specific content

Subject	Credits
Lean and connected value streams management	3
IT systems in enterprise mgmt., SCM and production. Systems architecture and communications networks	3
Connected manufacturing automation	3
Data bases	3
Programming languages and industrial cyber-security	3
Industrial processes and technologies of home appliances manufacturing	6
Advanced manufacturing challenges and new technologies	3
Advanced factory technology and processes simulation	3
Data processing and analysis	3
	<b>30</b>

### Industrial internship **12**

### Master's thesis in advanced manufacturing **6**

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