

**CURRICULUM - Ist YEAR**

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Ist SEMESTER (14 weeks)		IInd SEMESTER (14 weeks)		IIIrd SEMESTER (14 weeks)		IVth SEMESTER (14 weeks)										
1.	Embedded Systems I		Embedded Systems II		1.	Independent optional course 1 (set 1LM2.3)										
	8	28	0	28		0	DA	80								
2.	Software Project Management		Communications Skills		2.	Independent optional course 2 (set 1LM2.3)										
	8	28	0	14		0	DS	80								
3.	Software Engineering I		Basic Application Know How		3.	Independent optional course 3 (set 2LM2.3)										
	8	28	0	14		0	DA	80								
4.	Data Communications and Applications to Automotive		Dynamic Systems and Stability in Automotive Control		4.	Independent optional course 4 (set 2LM2.3)										
	6	28	0	28		0	DA	60								
total / semester	hours: 196	VPI	300	hours: 196	VPI	300	hours: 196	VPI	500							
	credits: 30	evaluations: 4E	4	credits: 30	evaluations: 4E	4	credits: 30	evaluation: 1E, 1D	2							
total / week	hours: 14			hours: 14			hours: 14									
	of which: 8	0	6	0	(c, s, l, p)		of which: 7	0	3	4	(c, s, l, p)	of which: 0	0	0	14	(c, s, l, p)

**IInd YEAR - Optional courses**

IIIrd SEMESTER	
Set of optional courses 1LM2.3	
1	Fault detection and diagnosis (optional course 1LM2.3.1)
	E 7 21 0 21 0 DA
2	Control of electrical drives (optional course 1LM2.3.2)
	E 7 21 0 21 0 DCA
3	Actuators in automotive systems (optional course 1LM2.3.3)
	E 7 21 0 21 0 DCA
4	Visual Programming and Modelling (optional course 1LM2.3.4)
	E 7 21 0 21 0 DA
Set of optional courses 2LM2.3	
1	Advanced Information Security for Embedded Systems (optional course 2LM2.3.1)
	E 8 28 0 0 28 DCA
2	Advanced Topics in Control Engineering and Computer Science: Sensor Networks (optional course 2LM2.3.2)
	E 8 28 0 0 28 DCA
3	Software Engineering II (optional course 2LM2.3.3)
	E 8 28 0 0 28 DCA
4	Multi-agent systems (optional course 2LM2.3.4)
	E 8 28 0 0 28 DCA

**Remark :** From each of the groups **Optional Independent course 1** .....**Optional Independent course 3** a number of courses will be activated as function of the students' options and number, and financial capacity.

**Legenda**

**Tabel structure**

Course name						
FE	nc	c	s	l	p	VPI

**FE may be :** D, E

- c - course
- D - distributed evaluation
- E - exam
- FE - evaluation forms

**Ex.**

Embedded Systems I						
E	8	28	0	14	0	DA 80

- l - laboratory
- nc - number of credits
- p - projects
- s - seminar
- VPI - number of hours necessary for individual study
- (DA) - Profund study courses
- (DCA) - Advanced knowledge courses
- (DS) - Synthesis courses