

**Faculty of Technology**  
**-- HOGESCHOOL GENT --**

2nd year Bachelor in electromechanics - Main Subject: Electromechanics  
 [Academic Year 2009 - 2010]

No.	Course	Sem.	P-T 2Y.	A	B	C	D	E
1	communication skills 2	1	1	36.0		36.0	<b>150</b>	<b>6</b>
2	technical mathematics	1	1	24.0		12.0	<b>75</b>	<b>3</b>
3	applied informatics	1	1		12.0	12.0	<b>75</b>	<b>3</b>
4	safety, quality assurance and environmental technology	1	2	24.0			<b>75</b>	<b>3</b>
5	1 course unit worth 3 ECTS credits to be chosen from the list with optional course units		1				<b>75</b>	<b>3</b>
	- social philosophy and ethics	2		24.0		12.0	75	3
	- social economics	2		24.0		12.0	75	3
	- history of science	2		24.0		12.0	75	3
	- general studies	2		10.0		65.0	75	3
	- language placement in Germany	2			15.0	36.0	75	3
	- language placement in Spain	2			15.0	36.0	75	3
6	controls and automation	2	2	12.0	60.0	24.0	<b>175</b>	<b>7</b>
7	power electronics	1	2	12.0	24.0	12.0	<b>75</b>	<b>3</b>
8	electrical machines	1	2	12.0	24.0	12.0	<b>100</b>	<b>4</b>
9	mechanics	1	1	60.0		12.0	<b>125</b>	<b>5</b>
10	industrial process engineering	2	1	36.0	84.0	36.0	<b>275</b>	<b>11</b>
11	microcontrollers	1	2	12.0	24.0	12.0	<b>100</b>	<b>4</b>

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No.	Course	Sem.	P-T 2Y.	A	B	C	D	E
12	cross-curricular project 2	2	2			96.0	<b>200</b>	<b>8</b>
	Code: TCEMEC - 00 - 02 version : 07						<b>1500</b>	<b>60</b>

DT = courses can be taken on a part-time basis, 1 = first part, 2 = second part, etc