



<b>COURSE: SENSORES ELECTRÓNICOS PARA IoT</b>		
<b>MASTER: INTERNET OF THINGS</b>	<b>YEAR: 2019-20</b>	<b>TERM: 1st</b>

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		Special room for session (computer classroom, audio-visual classroom...)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS/LAB <sup>1</sup>		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	An introduction to the new sensors in IoT	X			Previous reading. Answering questions about background.	1,5	4
1	2	The physical magnitudes to control and monitor in an IoT environment: "the <i>things</i> of Internet of things".	X			Previous reading. Answering questions about what has been taught. Catching up with basic knowledge.	1,5	
2	3	Discovering the sensors (electronic, optical, optoelectronic...) in IoT through their applications.	X			Previous reading. Answering questions about what has been taught. Catching up with basic knowledge.	1,5	5
2	4	Discovering the sensors (electronic, optical, optoelectronic...) in IoT through their applications.	X			Previous reading. Answering questions about what has been taught. Catching up with basic knowledge.	1,5	

3	5	Discovering the sensors (electronic, optical, optoelectronic...) in IoT through their applications.	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	5
3	6	Signal conditioning in integrated, embedded and compact sensors in IoT. Their connections and signal processing in critical and diverse environments. <a href="#">Works assignment.</a>	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	
4	7	Signal conditioning in integrated, embedded and compact sensors in IoT. Their connections and signal processing in critical and diverse environments.	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	5
4	8	<a href="#">First round of discussion of the Works: placement, specifications, state of the art.</a>	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	
5	9	Actuators and their conditioning in IoT: MEMs, motors, displays, etc.	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	5
5	10	<a href="#">Second round of discussion of the Works: more over state of the art block diagram, application.</a>	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	
6	11	Actuators and their conditioning in IoT: MEMs, motors, displays, etc.	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	5
6	12	<a href="#">Third round of discussion of the Works: the implementation of the sensing application.</a>	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	
7	13	<a href="#">Works: presentation workshop</a>	X			Previous reading. Answering questions about what has been taught. Working in IoT sensing project.	1,5	5

7	14	Works: presentation workshop	X			Previous reading. Answering questions about what has been taught.	1,5		
<sup>1</sup> A maximum of 1-2 lab sessions							<b>Subtotal 1</b>	<b>21</b>	<b>34</b>
<b>Total 1</b> (Hours of class plus student homework hours between weeks 1-7)								<b>55</b>	
1-7		Tutorials, handing in, etc					10		
8		Assessment					3	7	
							<b>Subtotal 2</b>	<b>3</b>	<b>17</b>
<b>Total 2</b> (Hours of class plus student homework hours at week 8)								<b>20</b>	
<b>TOTAL</b> (Total 1 + Total 2)								<b>75</b>	