

„GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IASI
FACULTY OF AUTOMATIC CONTROL AND COMPUTER ENGINEERING
 Major: *Systems Engineering*
 Specialization: *Systems and Control*
 Conferred title: *Master*
 Study duration: 4 *semesters*
 Form of education: *full-time*

CURRICULUM

YEAR 1					2015/2016														
No.	Course name	Course code	Course type	Cond.	Semester 1						Semester 2								
					No of hours / week / course					Final eval.	K	No of hours / week / course					Final eval.	K	
					C	S	L	P	SI*			C	S	L	P	SI*			
DI	1	Embedded systems	AMS101	DA	2	0	1	0	7	E	6								
	2	System-theory for robotics	AMS102	DA	2	0	1	0	7	E	6								
	3	Bond graph language in physical modeling	AMS103	DA	2	0	1	0	7	E	6								
	4	Agile software development	AMS104	DS	2	0	1	0	7	C	6								
	5	Web technologies in communications and control	AMS105	DA	2	0	1	0	7	E	6								
	6	Numerical experimental approach in structural dynamics	AMS106	DA									2	0	1	0	7	C	6
	7	Integration project systems and control	AMS107	DA									2	0	0	1	7	C	6
DO	8	OP1										2	0	1	0	7	E	6	
	9	OP2										2	0	1	1	6	E	6	
	10	OP3										2	0	1	0	7	E	6	
Number of hours per week, number of evaluations and credits per semester for compulsory (DI) and elective (DO) courses					10	0	5	0	35	4E	30	10	0	4	2	34	4E	30	
					15					16									

Elective course	Control Systems	Course code	Course type	Cond.	Intelligent Systems	Course code	Course type	Cond.
OP1	High level MATLAB applications for systems and control	AMS108	DS		Nonlinear dynamics	AMS109	DS	
OP2	State space control	AMS110	DA		Knowledge representation and reasoning	AMS111	DA	
OP3	Industrial control networks	AMS112	DS		Hybrid intelligent systems	AMS113	DS	

* Hours of individual study (SI) are calculated as average/week/year, by the credit points of the subjects (24 hours per credit point); exam sessions are also considered.

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