

University POLITEHNICA of Bucharest
Faculty of Automatic Control and Computer Science

Master Program: Automation and Industrial Informatics
– Taught in Romanian –

Code	Discipline	Sem	C	S	L	P	PC	Evaluation
UPB.03.M1.O.15-01	Complements of the systems and signals theory	I	2	1			4	E
UPB.03.M1.O.15-02	Process instrumentation in information systems	I	2			1	4	E
UPB.03.M1.A.15-03	Industrial communication	I	2		1		4	V
	Intelligent measurement systems							
UPB.03.M1.O.15-04	Advanced techniques for processes control	I	2	2			4	V
UPB.03.M1.O.15-05	Modeling and simulation of discrete event systems	I	2	1			4	V
UPB.03.M1.O.15-06	Research: 12 hours	I	12				10	P
Total activități didactice: 16 hours			10	4	1	1	20	
UPB.03.M2.O.15-07	Advanced techniques for identification, modeling and simulation	II	2	1			4	V
UPB.03.M2.O.15-08	Controlable Electrical drivers and Actuators	II	2		1		4	E
UPB.03.M2.O.15-09	Expert systems	II	2			1	4	E
UPB.03.M2.O.15-10	Diagnosis of technical systems	II	2			2	4	E
UPB.03.M2.O.15-11	SCADA systems for industrial processes	II	2		1		4	E
UPB.03.M2.O.15-12	Research: 12 hours	II	12				10	P
Total teaching activities: 16 hours			10	1	2	3	20	
UPB.03.M1.O.15-13	Research projects management	III	2			2	5	E
UPB.03.M3.A.15-14	Advanced technologies for the development of complex projects	III	2			2	5	E
	Multi-agent systems for enterprise management							
UPB.03.M3.O.15-15	Information systems for the Chemical and Biochemical Industry	III	2			2	5	E
UPB.03.M3.O.15-16	Information Systems for Power Systems	III	2			2	5	E
UPB.03.M3.O.15-17	Research: 12 hours	III	12				10	P
Total teaching activities: 16 hours			8			8	20	
UPB.03.M4.O.15-18	Elaboration of dissertation work: 16 hours	IV	16				20	P/NP
UPB.03.M4.O.15-19	Research: 12 hours	IV	12				10	P
Total teaching activities: 0 hours								

Evaluation: E-exam with grading; V-verification during the semester with grading;

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P- project with grading. The grading scale is 1-10.

P/NP – verification during the semester with P (Passed) or NP (Not passed) grade.

Program coordinator

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Dean

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