

2008/2009 MSc. *Advanced Techniques for Process Control* - 1 year

I-st Semester

Recursive parameter estimation	9
Distributed parameter Control Systems	10
Design of Distributed Control Systems	10
Design of Distributed Control Systems (Project)	10

II-nd Semester

Artificial Intelligence in Process Control
Parallel Algorithms Programming Technique
Predictive Control Systems

2003-2008 BSc. *Automatic Control and Applied Informatics* – 5 years

2007/2008 V-th Year

Knowledge-Based Systems	9
Reliability	8
Adaptive and Robust Systems	9
Control Engineering (Project)	10
Multiple Processor Systems	10

2006/2007 IV-th Year

Control Engineering	8
Real-Time Applications Programming	8
Communications in Control Systems	10
Neural Networks and Fuzzy Logic	10
Dynamical Systems with Discrete Events	9
System Identification	8
Systems with Microprocessors	9
Systems with Microprocessors (Project)	10
Data Transmissions	9
Computers Architecture	9
Process Diagnoses	9
Management	10

2005/2006 III-th Year

Optimization Techniques	9
Sampled-Data Systems	6
Systems Theory	7
Equipments and System Structures for Control	9
Hidro-Pneumatic Equipments	8
Sensors and Transducers	10
Robotics	9
Economy	10
Automata and Microprogramming	9
Electric Drives	10
Mechanical Fundaments of Robotics	7

2004/2005 II-nd Year

Numerical Calculus	8
Electrotechnics	8
Special Mathematics	10
Data Structures and Algorithms	10
Electronic Circuits	8
Inter-human Communication	9
Digital Circuits	9
Analysis and Synthesis of Numerical Devices	9
Programming Algorithms	10
Object Oriented Programming	8
Introduction to Automatics	7
Statistics and Data Processing	7