MODULAR COURSES

in the discipline of Automation, Electronics and Electrical Engineering

No.	Subject	Course type - number of hours
1.	Studies of periodic waveforms of nonlinear electromagnetic devices	W-9 Lk-6
2.	Electromechanical automation systems	W-15
3.	Innovative methods and algorithms for diagnostics of electrical machines and equipment	W-15 L-15
4.	Electric power quality	W-15
5.	Parallel metaheuristics in optimization	W-9 P-6
6.	Methodology for the analysis of electromechanical energy converters	W-30
7.	Renewable sources of electricity	W-9 S-6
8.	Neural networks in identification and modeling of dynamic systems	W-6 L-9
9.	Dynamic signals and systems	W-8 Lk-7
10.	Synthesis of active systems	W-9 Lk-6
11.	Measurement techniques and methodology for developing results	W-8 Lk-7
12.	Electricity transmission issues	W-30
13.	Nonlinear phenomena in magnetic materials	W-9 Lk-6

W - lecture (L), L - laboratory class (Lc), Lk - computer class (Cc), P - project (P), S - seminar (S)