Interdisciplinary studies: Control, Electronic and Information Engineering (BSc. Eng.) Study Program

Specialization: Electronics and Telecommunication

#	COURSE	HOURS						Sem.1					ECTS	Sem.2					ECTS	Sem.3					ECTS	Sem.4					ECTS	Sem.5					ECTS	Sem.6					ECTS	Sem.7						ECTS
		Σ	Lec	T	Lab	P	S	Lec	T	Lab	P			Lec	T	Lab	P			Lec	T	Lab	P			Lec	T	Lab	P			Lec	T	Lab	P			Lec	T	Lab	P			Lec	T	Lab	P	S	D	
1	Analog Circuit Design - Practical Approach	45	15	0	30	0	0																															1		2			3							
2	Materials and Process for Electronics Technology	30	0	0	15	15	0																																	1	1		1							
3	Programmable Logic Controllers	45	15	0	30	0	0																															1		2			3							
4	Fundamentals of telecommunication	45	15	0	30	0	0																															1		2			3							
5	Computer Architecture	60	30	0	30	0	1																																					2		2				3
6	Hardware description languages (VHDL/Verilog)	60	30	0	30	0	2																																					2		2				3
7	Design for Manufacture	45	30	0	15	0	3																																					2		1				3
		330	135	0	180	15	15	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	3	0	7	1		10	6	0	5	0	1		9
		Liczba godzin tygodniowo						0						0						0						0						0						11						12						
		Liczba egzaminów						1						3						2						3						2						2						1						
		Liczba zaliczeń						7						6						5						4						6						7						6						

Variant teaching techniques: classical vs interactive and problem based

Optional courses

Lec – Lecture, T – Tutorial Exercises, Lab – laboratory classes, P- Project, S – Seminar