POLITECHNIKA POZNAŃSKA
WYDZIAŁ ELEKTRONIKI I TELEKOMUNIKACJI

POLITECHNIKA POZNAŃSKA
WYDZIAŁ
ELEKTRONIKI I TELEKOMUNIKACJI
tel. 061-665-22-93, fax 061-665-25-72
ul. Piotrowo 3a, skr. poczt. 85
60-965 Poznań

PLAN STUDIÓW: 2019/2020 ETE209; second cycle, stationary
Data zatwierdzenia: 28-06-2019
Rodzaj studiów: MSc in ICT(3)
Kierunek: Electronics and Telecommunications

No	Course name	ECTS	E.	General number of hours						Semester 1					Semester 2					Semester 3				
				Total	Lectures	Excercises	Labs	Projects	DS.	Lectures	Excercises	Labs	Projects	DS.	Lectures	Excercises	Labs	Projects	DS.	Lectures	Excercises	Labs	Projects	DS.
1	OHS (Occupational Health and Safety)	0		4	4	0	0	0	0	4(1)														
2	Selected topics in mathematics	5	1	90	45	45	0	0	0	3	3													
3	Simulation techniques	3		30	15	15	0	0	0	1	1													
4	Foreign/Polish/English/ language	2		30	0	30	0	0	0		2													
5	Information and coding theory	4	1	60	30	30	0	0	0	2	2													
6	Network management	3	1	45	15	15	15	0	0	1	1	1												
7	Mobile systems	3	1	45	30	15	0	0	0	2	1													
8	Multimedia systems	2		30	15	0	15	0	0	1		1												
9	Satellite navigation systems	2		30	30	0	0	0	0	2														
10	Optical fiber comm. Systems	3	1	45	30	0	15	0	0	2		1												
11	Elective Course in the Humanities or Social Science 1.Economics of Businesses 2.Interpersonal Communication	2		30	30	0	0	0	0						2									
12	Optimization methods	2		30	15	0	15	0	0						1		1							
13	Telecommunication network design	3	1	45	30	15	0	0	0						2	1								
14	Programmable digital systems	3	1	45	15	0	30	0	0						1		2							
15	Advanced signal processing algorithm	4	1	60	30	30	0	0	0						2	2								
16	Workshop	2		30	0	0	0	30	0									2						
17	Elective course 2.1 1.Security in communication networks 2.Electronics Computer Aided Design 3.Programming of AVR microcontrollers 4.Spread spectrum systems 5.Advanced programming in multimedia	5	1	60	30	0	30	0	0						2		2							
18	Elective course 2.2 1.Digital technology of audio and speech 2.Wireless system design 3.Embedded systems	5	1	60	30	0	30	0	0						2		2							
19	Elective course 2.3 1.Networked surveillance systems 2.Programming of mobile terminal 3.Advanced coding techniques	4		60	30	15	15	0	0						2	1	1							
20	Elective course 3.0 1,Broadband Networks 2.Advanced transmission technics in wireless systems 3.IP-based video surveillance	3		30	15	0	15	0	0											1		1		

POLITECHNIKA POZNAŃSKA
WYDZIAŁ ELEKTRONIKI I TELEKOMUNIKACJI

PLAN STUDIÓW: 2019/2020 ETE209; second cycle, stationary
Data zatwierdzenia: 28-06-2019
Rodzaj studiów: MSc in ICT(3)
Kierunek: Electronics and Telecommunications

POLITECHNIKA POZNAŃSKA
WYDZIAŁ
ELEKTRONIKI I TELEKOMUNIKACJI
tel. 061-665-22-93, fax 061-665-25-72
ul. Piotrowo 3a, skr. poczt. 85
60-965 Poznań

No	Course name	ECTS	E.	General number of hours						Semester 1					Semester 2					Semester 3				
				Total	Lectures	Excercises	Labs	Projects	DS.	Lectures	Excercises	Labs	Projects	DS.	Lectures	Excercises	Labs	Projects	DS.	Lectures	Excercises	Labs	Projects	DS.
21	Elective course 3.1 1.Digital television 2.Optical Networks 3.Advanced data compression 4.Traffic control 5.Line of sight radio systems 6.Software defined and cognitive radio	4	1	45	30	0	0	15	0											2			1	
22	Elective course 3.2 1.Testing of digital systems 2.Synchronous hierarchy of digital systems 3.Advanced Programming Of Mobile Devices 4.Optimization of comm.. networks 5.4G wireless networks 6.Multimedia mobile applications	4	1	45	30	0	15	0	0											2		1		
23	Elective course 3.3 1.Design of systems with FPGA 2.Audio engineering 3.Switching Systems 4.IP Telephony 5.Security in wireless networks	4		45	15	0	30	0	0											1		2		
24	**Elective Course in Economic Science** 1.Concepts and Tools of Modern Business Management 2. Business Negotiations	3		30	15	15	0	0	0											1	1			
25	Diploma seminar	12		15	0	0	0	0	15															1
26	Thesis submission	0		0	0	0	0	0	0															0
				0	0	0	0	0	0															
	Total	87	12	1039	529	225	225	45	15	14	10	3	0	0	14	4	8	2	0	7	1	4	1	1
										Razem godzin/tydzień:					27					28				14
										Razem egzaminów w semestrze:					5					5				2
27	Internship (Practical placement)	3		160																				
	Total	90	12	1199	529	225	225	45	15															

DZIEKAN
WYDZIAŁU ELEKTRONIKI I TELEKOMUNIKACJI
POLITECHNIKI POZNAŃSKIEJ
prof. dr hab. inż. Krzysztof Wesołowski