



## FACULTY OF ELECTRICAL ENGINEERING, ELECTRONIC AND AUTOMATION

**Dear Students, Dear Partners,**

**This is a list of courses from the curricula in the Faculty of EEEA,  
from which one can select courses *offered face to face* in a foreign language  
in academic year 2025/2026!**

**The summary of these courses  
can be found in the ECTS package of the Faculty!**

### COURSES IN ENGLISH

Code	Subjects	ECTS credits	Teacher	1 <sup>st</sup> sem	2 <sup>nd</sup> sem
<b>BACHELOR LEVEL</b>					
S01604	Mathematics 1	6	Assoc. Prof. Yuliya Chaparova, PhD	YES	YES
S02793	Mathematics 2	5	Assoc. Prof. Yuliya Chaparova, PhD	YES	YES
S03065	Mathematics 3	5	Assoc. Prof. Iliyana Raeva, PhD	YES	YES
SB15450	English Language 1	2	Assist. Prof. Pencho Kamburov	YES	YES
SB15455	English Language 2	2	Assist. Prof. Pencho Kamburov	YES	YES
SB15456	Technical English	3	Assist. Prof. Pencho Kamburov	YES	YES
S03159	Marketing	4	Prof. Diana Antonova, DSc	YES	YES
SM 17130	Heuristic Methods in Management	3	Prof. Diana Antonova, DSc	YES	YES
S03160	International Economics	4	Assoc. Prof. Alexander Kosuliev, PhD	YES	YES
S03105	Economics	4	Assist. Prof. Elizar Stanev, PhD	YES	YES
S03161	Company Management	4	Assoc. Prof. Svilen Kunev, PhD	YES	YES
SB11273	Company Culture and Business Ethics	3	Prof. Yuliana Popova, PhD	YES	YES
SB11271	Business Communication and Public Relations	3	Assist. Prof. Nataliya Venelinova, PhD	YES	YES
S01347	Management of regional and cross-border projects	3	Assoc. Prof. Daniela Yordanova, PhD	YES	YES
SB14343	Development of the Projects	5	Assist. Prof. Nataliya Venelinova, PhD	YES	YES
SB11272	Business Negotiations and Correspondence	3	Assist. Prof. Hristina Sokolova, PhD	YES	YES
SB15447	Programming	9	Prof. Tzvetomir Vassilev, PhD	YES	YES
S00133	Electrical Safety	2	Prof. Ivaylo Stoyanov, PhD	YES	YES
S00411	Electrical Material Science	5	Prof. Nikola Mihailov, PhD	YES	YES
SB10647	Renewable Energy Resources and Energy	8	Prof. Nikola Mihailov, PhD	YES	YES

	Technologies				
SB10652	Management of Electrical Engineering	4	Prof. Nikola Mihailov, PhD	YES	NO
S03243	Lighting and installation equipment	7	Assoc. Prof. Orlin Petrov, PhD	YES	YES
S00755	Short Circuits	5	Assoc. Prof. Ognyan Dinolov, PhD	YES	NO
S03238	Electric Power Stations and Substations Engineering	7	Assoc. Prof. Ognyan Dinolov, PhD	YES	NO
S03250	Protective Relaying	6	Assoc. Prof. Ognyan Dinolov, PhD	YES	NO
S03148	Semiconductor Devices	5	Assist. Prof. Yavor Neikov, PhD	YES	YES
SB15452	Theory of Electrical Engineering	7	Prof. Boris Evstatiev, DSc	YES	YES
S03063	Synthesis and Analysis of Logic Devices	5	Assoc. Prof. Nadezhda Evstatieva, PhD	YES	YES
S03192	Signals and Systems	6	Assist. Prof. Yavor Neikov, PhD	YES	YES
SB11461	Automation of the Design in Electronics	6	Assoc. Prof. Seher Kadirova, PhD	YES	NO
S03206	Design and Technology of Electronic Systems	6	Assoc. Prof. Seher Kadirova, PhD	NO	YES
SB11464	Special and Power Semiconductor Components	2	Assoc. Prof. Seher Kadirova, PhD	YES	NO
SB11452	Practice in electrical engineering	3	Assoc. Prof. Seher Kadirova, PhD	YES	YES
S03172	Process control	7	Assist. Prof. Martin Deyanov, PhD	YES	YES
S03168	Computer Control Systems	7	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
SB10694	CAD in electrical engineering	7	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
SB10692	Programmable logic controllers	7	Prof. Plamen Daskalov, PhD	YES	YES
SB10693	Industrial Communication Networks of Computer Control Systems	5	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
SB10695	CAD in Mechatronics	7	Assoc. Prof. Aleksandar Ivanov, PhD	YES	YES
S03152	Control Theory-1	8	Assoc. Prof. Donka Ivanova, PhD	YES	YES
S03163	Control Theory-2	7	Assoc. Prof. Donka Ivanova, PhD	YES	YES
SB11466	Electronic Regulators	3	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
S03169	System Identification	6	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
SB10703	Quality Control	3	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
S03154	Electromechanical devices	6	Assoc. Prof. Venelin Yakov, PhD	YES	YES
S03062	Synthesis and Analysis of Algorithms	7	Prof. Tsvetozar Georgiev, PhD	YES	YES
S03074	System Programming	4	Prof. Tsvetozar Georgiev, PhD Assoc. Prof. Georgi Georgiev, PhD	YES	YES
SB11277	Multimedia Systems and Technologies	4	Prof. Tsvetozar Georgiev, PhD	YES	YES
S03067	Databases	6	Assoc. Prof. Irena Valova, PhD Assist. Prof. Tsvetelina Kaneva, PhD	YES	NO
S03076	Design Technology	4	Assoc. Prof. Anelia Ivanova, PhD	YES	YES
S03070	Computer Organization	6	Assoc. Prof. Anelia Ivanova, PhD	YES	YES
S03071	Computer Graphics	4	Assist. Prof. Eliza Ibryamova, PhD	YES	YES
SB15462	Artificial Intelligence	6	Assoc. Prof. Svetlana Stefanova, PhD	YES	YES
S03079	Programming Languages	6	Assoc. Prof. Georgi Georgiev, PhD	NO	YES
S03064	Web Design	5	Assoc. Prof. Georgi Georgiev, PhD Assist. Prof. Yordan Kalmukov, PhD	YES	YES
SB15459	Computer Reliability and Security	6	Assoc. Prof. Galina Ivanova, PhD Assist. Prof. Pavel Zlatarov, PhD	YES	YES

S03073	Software Engineering	6	Assoc. Prof. Galina Ivanova, PhD Assist. Prof. Pavel Zlatarov, PhD	YES	YES
S03094	Language Processors	5	Assist. Prof. Tzanko Golemanov, PhD	YES	YES
SB15458	Cryptography and Data Security	6	Assoc. Prof. Emilia Golemanova, PhD	YES	YES
S01184	Logic Programming	5	Assoc. Prof. Emilia Golemanova, PhD	YES	YES
SM13952	Advanced Algorithm Design	5	Assoc. Prof. Emilia Golemanova, PhD	YES	YES
SB11289	Computer Graphics Systems	4	Assoc. Prof. Svetlana Stefanova, PhD	YES	YES
S03078	Integrated Development Environment	4	Assist. Prof. Elitsa Ibryamova, PhD	YES	YES
S03069	Digital Electronics	4	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03150	Pulse and Digital Devices (for Computer Control and Automation)	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S00327	Pulse and Digital Devices (for Information and Communication Technologies)	6	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03109	Pulse and Digital Devices (for Internet and Mobile Communications)	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03111	Course Project on Pulse and Digital Devices (for Internet and Mobile Communications)	2	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03198	Pulse and Digital Devices (for Electronics)	10	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S01032	Digital Signal Processing (for Information and Communication Technologies)	6	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03110	Digital Signal Processing (for Internet and Mobile Communications)	6	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03114	Communication Circuits	4	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03116	Teletraffic Engineering	6	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03124	Course Project on Teletraffic Engineering	2	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S01672	Discrete Structures and Modelling (for Information and Communication Technologies)	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
SB15457	Discrete Structures and Modelling (for Computer Systems and Technologies)	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
SB10682	Coding in Telecommunication Systems	3	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
SB10680	Databases (for Internet and Mobile Communications)	3	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03127	Telecommunication Security	4	Prof. Plamen Zahariev, PhD	YES	YES
S03130	Wireless Technologies for Data Transfer	5	Prof. Plamen Zahariev, PhD	YES	YES
S02015	Network Administration	6	Prof. Plamen Zahariev, PhD	YES	YES
S02024	Information and Communication Security	6	Prof. Plamen Zahariev, PhD	YES	YES
S02023	Network and computer	6	Prof. Plamen Zahariev, PhD	YES	YES

	security				
S02027	Applications and Systems for Mobile Terminals and Devices	4	Prof. Plamen Zahariev, PhD	YES	YES
SB13698	Programming of mobile devices	4	Prof. Plamen Zahariev, PhD	YES	YES
SB13695	Radio Communication Technologies	5	Assist. Prof. Ivanka Tsvetkova, PhD	YES	NO
SB15448	3D Technologies	5	Prof. Georgi Hristov, PhD	YES	YES
SB15468	Communication Networks and Systems	5	Prof. Georgi Hristov, PhD	YES	YES
S03132	Course Project on Communication Networks and Systems	2	Prof. Georgi Hristov, PhD	YES	YES
S03122	Routing and Switching	6	Prof. Georgi Hristov, PhD	YES	YES
S01985	Networks and Systems	6	Prof. Georgi Hristov, PhD	YES	YES
S01992	Routing and Switching in Communication Networks	7	Prof. Georgi Hristov, PhD	YES	YES
S01999	Course Project on Routing and Switching in Communication Networks	2	Prof. Georgi Hristov, PhD	YES	YES
S02000	Networks Protocols	6	Prof. Georgi Hristov, PhD	YES	YES
S03119	Microprocessor Systems	6	Assoc. Prof. Nina Bencheva, PhD	YES	NO
S02003	Digital Television Systems	3	Prof. Teodor Iliev, PhD	NO	YES
SB10672	Television systems	6	Prof. Teodor Iliev, PhD	YES	NO
<b>MASTER LEVEL</b>				<b>1<sup>st</sup> sem</b>	<b>2<sup>nd</sup> sem</b>
SM12981	Photovoltaic energy systems and farms	7	Prof. Nikola Mihailov, PhD, DHC	YES	YES
SM12989	Design and operation of renewable energy systems and farms	3	Prof. Nikola Mihailov, PhD, DHC	YES	YES
SM12990	Economics and management of renewable energy systems and farms	2	Prof. Nikola Mihailov, PhD, DHC	YES	YES
SB12939	Electronic devices for control of renewable energy sources	4	Assist. Prof. Yavor Neikov, PhD	YES	YES
SB14164	Electronic systems for car energy supply control from renewable energy sources	4	Assist. Prof. Yavor Neikov, PhD	YES	YES
SM13976	Automatic control and environmental management systems	3	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
S00312	Embedded control systems	5	Prof. Plamen Daskalov, PhD, Assoc. Prof. Stanislav Penchev, PhD	YES	YES
S00313	Computer Vision	8	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
S00316	Intelligent Systems	5	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
S00716	Computer control of electromechanical systems	4	Assoc. Prof. Venelin Yakov, PhD	YES	YES
S00261	Mobile Technologies	5	Prof. Tsvetozar Georgiev, PhD	YES	YES
SM13083	Virtual Instruments	4	Prof. Tsvetozar Georgiev, PhD	YES	YES
SM15206	Computer Security	5	Assoc. Prof. Galina Ivanova Pavel Zlatarov, PhD	YES	YES
SM15207	Intelligent Computer Systems	3	Assoc. Prof. Svetlana Stefanova, PhD	YES	YES

SM13955	Programming Systems for Business Modelling	4	Assist. Prof. Elitsa Ibryamova, PhD	YES	YES
SM13070	Security in the Telecommunication Networks	5	Prof. Plamen Zahariev, PhD	YES	YES
SM13069	Virtualization Technologies and Storage Area Networks	5	Prof. Plamen Zahariev, PhD	YES	YES
SM13068	Global Networks and Internet communications	5	Prof. Plamen Zahariev, PhD	YES	YES
SB13075	Design and architectures of the video systems	3	Prof. Teodor Iliev, PhD	YES	YES
SM13052	Coding and Security in the Telecommunication Networks	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
SB17064	Heuristic Methods in Management	3	Prof. Diana Antonova, DSc	YES	YES
<b>ADDITIONAL COURSES</b> related to the field of Mechanical Engineering				<b>1<sup>st</sup> sem</b>	<b>2<sup>nd</sup> sem</b>
S02529	Fluid mechanics	6	Assoc. Prof. Boris Kostov, PhD	YES	YES
S02546	Thermodynamics and heat transfer	5	Assist. Prof. Zhivko Kolev, PhD	YES	YES
S00207	Pipe systems end fittings	4	Assoc. Prof. Boris Kostov, PhD	YES	YES
S00217	Positive Displacement Hydraulic Machines	6	Prof. Gencho Popov, PhD	YES	YES
S00213	Turbo-Pumps and Fans	5	Assoc. Prof. Boris Kostov, PhD	YES	YES
S00210	Gas Supplying	6	Assist. Prof. Pencho Zlatev, PhD	YES	YES
S01844	Industrial Heat Technology	4	Assoc. Prof. Zhivko Kolev, PhD	YES	YES
S00216	Heat exchange devices and systems	5	Assoc. Prof. Zhivko Kolev, PhD	YES	YES