

[en]Odporúčaný študijný plán

AES_Bc_D - Automated electrical systems

Academic year **2016/2017**
 Form of study **Full time**
 Study grade **Bachelor**
 Study programme **2675799D - AES_Bc_D Automated electrical systems**

	C	OE	V	Together
1st year WT	6/31/26	0/0/0	0/0/0	6/31/26
1st year ST	6/31/27	0/0/0	0/0/0	6/31/27
2nd year WT	3/18/14	3/18/12	0/0/0	6/36/26
2nd year ST	4/24/17	2/12/8	0/0/0	6/36/25
3rd year WT	3/18/17	3/18/12	0/0/0	6/36/29
3rd year ST	3/24/18	3/18/15	0/0/0	6/42/33
Courses	25	11	0	36
Credits	146	66	0	212

1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
26000629	Fundamentals of Algorithms and Programming	C	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-
2607333	Fundamentals of Electrical Engineering	C	6	Klasifikovaný zápočet (KZ)	2	-	2	-	-	-	-	-	-
26000618	Fundamentals of Materials Engineering	C	6	Zápočet a skúška (ZS)	2	1	-	1	-	-	-	-	-

1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
2618181	Mathematics I	C	6	Zápočet a skúška (ZS)	3	2	2	-	-	-	-	-	-
29000139	Physical Education I	C	1	Zápočet (Z-U)	-	-	-	2	-	-	-	-	-
2600171	Physics I	C	6	Zápočet a skúška (ZS)	2	-	2	-	-	-	-	-	-

In period from 1st year WT to 1st year WT is necessary to sign on 6 C courses.

In period from 1st year WT to 1st year WT for enrollment to the next period is necessary to pass successfully courses for 18 credits.

1.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
2608731	Computer Applications	C	6	Zápočet a skúška (ZS)	1	-	-	3	-	-	-	-	-
2618641	Electrotechnics	C	6	Zápočet a skúška (ZS)	3	3	-	-	-	-	-	-	-
2619621	Mathematics II	C	6	Zápočet a skúška (ZS)	3	-	3	-	-	-	-	-	-
29000140	Physical Education II	C	1	Zápočet (Z-U)	-	-	-	2	-	-	-	-	-
2607481	Physics II	C	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-
2607391	Programming	C	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-

In period from 1st year ST to 1st year ST is necessary to sign on 6 C courses.

In period from 1st year ST to 1st year ST for enrollment to the next period is necessary to pass successfully courses for 18 credits.

In period from 1st year WT to 1st year ST for enrollment to the next period is necessary to pass successfully courses for 36 credits.

2.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E	OP	
2607821	Automotive Electrical Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
2616391	Electrical Machines	C	6	Zápočet a skúška (ZS)	2	-	1	2	-	-	-	-	-	-
2621551	Industrial Electronics	OE	6	Zápočet a skúška (ZS)	2	-	1	1	-	-	-	-	-	-
2614691	Microprocessor Technique	C	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
2619661	Numerical Mathematics, Probability Theory and Mathematical Statistics	C	6	Zápočet a skúška (ZS)	3	-	2	-	-	-	-	-	-	-
2609221	Simulation of Production Systems	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-

In period from 2nd year WT to 2nd year WT is necessary to sign on 3 C courses, 2 OE courses.

In period from 2nd year WT to 2nd year WT for enrollment to the next period is necessary to pass successfully courses for 18 credits.

2.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant									
					P	S	CN	CL	PP	A	S	E	OP	
26000437	Automation of industrial systems	C	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
26000439	CAD in Electrical Engineering	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-
26000438	Electrical drives	C	6	Zápočet a skúška (ZS)	2	-	-	3	-	-	-	-	-	-
29000195	FEI – English I	C	6	Zápočet a skúška (ZS)	-	2	-	-	-	-	-	-	-	-
2608241	Power Electronics	C	6	Zápočet a skúška (ZS)	3	-	-	3	-	-	-	-	-	-
2621641	Sensors and Measurements of Non-electrical Variables	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-	-

In period from 2nd year ST to 2nd year ST is necessary to sign on 4 C courses, 1 OE course.

In period from 2nd year WT to 2nd year ST for enrollment to the next period is necessary to pass successfully courses for 36 credits.

In period from 2nd year ST to 2nd year ST for enrollment to the next period is necessary to pass successfully courses for 18 credits.

3.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant															
					P	S	CN	CL	PP	A	S	E	OP							
29000199	<i>Political Science</i>		6	<i>alternative</i>																
29000197	<i>Psychology</i>		6	<i>alternative</i>																
29000198	<i>Sociology</i>		6	<i>alternative</i>																
2622593	Technical Practice in Enterprise	OE	6	Klasifikovaný zápočet (KZ)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	

In period from 3rd year ST to 3rd year ST is necessary to sign on 3 C courses, 1 OE course.

In period from 3rd year WT to 3rd year ST for enrollment to the next period is necessary to pass successfully courses for 36 credits.

In period from 1st year WT to 3rd year ST for study completion is necessary to pass successfully courses for 180 credits.

State examination courses

#	Code	Course	Completion	Type	Faculty
1	26000443	Bachelor work	Štátna skúška - Obhajoba ZP pre 1. a 2. stupeň	C	FEI
	26000444	<i>Bachelor Project</i>	<i>prerequisite</i>		

Explanatory:

[en]Typ predmetu:

C - compulsory courses, OE - obligatory elective courses, V - voluntary courses

Hours grant

P - Prednáška, S - Seminár, CN - Cvičenie numerické, CL - Cvičenie laboratórne, PP - Projektová práca, A - Ateliér, S - Stáž, E - Exkurzia, OP - Odborná prax

Course completion

Zápočet (Z-U) - Zápočet, Zápočet a skúška (ZS) - Zápočet a skúška, Klasifikovaný zápočet (KZ) - Klasifikovaný zápočet, Klasifikovaný zápočet (ZP-KZ) - Klasifikovaný zápočet, Zápočet (Z-%) - Zápočet, Skúška (Sk) - Skúška

Alternative courses in italics are shown. passing an alternative course equals to passing an original course.

Prerequisite courses in italics are shown. before the courses with a prerequisite you must successfully complete the prescribed prerequisites.

State examination courses

#	Code	Course	Completion	Type	Faculty
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Summary table

X/Y/Z - X(total courses)/Y(Number of credits)/Z(total hours)