

## [en]Odporúčaný študijný plán

TvAE\_Ing\_D - Technologies in Automotive Electronics

Academic year      **2016/2017**  
 Form of study        **Full time**  
 Study grade         **Master**  
 Study programme    **2613899D - TvAE\_Ing\_D Technologies in Automotive Electronics**

	<b>C</b>	<b>OE</b>	<b>V</b>	<b>Together</b>
1st year WT	3/18/16	3/18/13	0/0/0	6/36/29
1st year ST	3/18/14	4/24/18	0/0/0	7/42/32
2nd year WT	3/18/17	3/18/15	0/0/0	6/36/32
2nd year ST	3/24/24	2/12/7	0/0/0	5/36/31
Courses	12	12	0	24
Credits	78	72	0	150

### 1.year of study WT

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
2620031	Applied Mathematics	C	6	Zápočet a skúška (ZS)	3	-	2	-	-	-	-	-	-
26000599	Design systems in electronics	OE	6	Zápočet a skúška (ZS)	2	-	-	1	1	-	-	-	-
26000691	Digital Signal Processing	C	6	Zápočet a skúška (ZS)	3	1	-	1	-	-	-	-	-
26000600	Methods of reliability in electronics	OE	6	Zápočet a skúška (ZS)	2	-	1	1	-	-	-	-	-
26000598	Production Processes in Electronics I	C	6	Zápočet a skúška (ZS)	3	1	-	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
26000697	Programmable Logic Circuits	OE	6	Zápočet a skúška (ZS)	3	-	-	2	-	-	-	-	-

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.

In period from 1st year WT to 1st year WT is necessary to sign on 3 C courses, 2 OE courses, 0 V courses.

### 1.year of study ST

Code	Course	Type	Number of credits	Completion	Hours grant								
					P	S	CN	CL	PP	A	S	E	OP
26000601	Diploma Project 1_TvAE	C	6	Klasifikovaný zápočet (ZP-KZ)	-	2	-	-	2	-	-	-	-
26000706	High Frequency and Microwave Technology	C	6	Zápočet a skúška (ZS)	3	-	2	-	-	-	-	-	-
26000705	Integrated Circuit Design for Smart Applications	OE	6	Zápočet a skúška (ZS)	2	-	-	3	-	-	-	-	-
26000602	Production Processes in Electronics II	C	6	Zápočet a skúška (ZS)	2	1	-	1	1	-	-	-	-
2610581	Quality management	OE	6	Zápočet a skúška (ZS)	2	-	1	1	-	-	-	-	-
26000703	Smart measurement systems	OE	6	Zápočet a skúška (ZS)	2	-	-	3	-	-	-	-	-
2617351	Vehicle Mechatronics	OE	6	Zápočet a skúška (ZS)	2	-	-	2	-	-	-	-	-

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 ST to 1st year ST is necessary to sign on 3 C courses, 2 OE courses, 0 V courses.

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 ST

Code	Course	Type	Number of credits	Completion	Hours grant															
					P	S	CN	CL	PP	A	S	E	OP							
29000114	<i>Team Work</i>		6	<i>alternative</i>																
29000118	<i>Topical Problems in Current Philosophy</i>		6	<i>alternative</i>																
26000198	Labour and Commercial Law	OE	6	Klasifikovaný zápočet (KZ)	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26000609	Main Knowledge of Study Field Progressive materials and technologies in automotive electronic and its Application	OE	6	Zápočet a skúška (ZS)	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-

In period from 2nd year ST to 2nd year ST is necessary to sign on 3 C courses, 1 OE course.

In period from 1st year WT to 2nd year ST for study completion is necessary to pass successfully courses for 120 credits.

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.

## State examination courses

#	Code	Course	Completion	Type	Faculty
1	26000607	Diplomová práca_TvAE	Štátna skúška - Obhajoba ZP pre 1. a 2. stupeň	C	FEI
2	26000608	Main Knowledge of Study Filed Electronic and their use	Štátna skúška pre 1. a 2. stupeň	C	FEI

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, Klasifikovaný zápočet (KZ-PH) - Klasifikovaný zápočet

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.