

"Todor Kableshkov" University of Transport

Faculty: Machinery and Construction Technologies in Transport

Programme: Automotive Engineering

Degree: Master's Degree for Graduates with Bachelor's or Master's Degree

Mode of study: Part time

Duration of study: 1.5 years

No	Code	Course	Total contact hours (Hours of lectures and seminars)	ECTS credits
<i>Compulsory courses</i>				
1	833	Mathematical Methods in Engineering	30	5
2	942	Stress and Deformation Analysis	30	5
3	242	Automotive Theory and Design	45	7
4	116	Computer-aided Design Systems	53	8
5	212	Design, Construction, Standardization and Technology in Automotive Manufacturing	30	5
6	240	Engineering Experiment: Measurement and Analysis	45	7
7	205	Vehicle Dynamics	38	6
8	209	Automatic Transmissions and Regenerative Devices	38	6
9	221	Strength and Durability of Automotive Equipment	31	5
10	264	Automotive Engineering - make a project	0	2
14	2223	Development and defense of a thesis	0	15
<i>Elective courses</i>				
11.1	213	Alternative Automotive Engines and Systems	31	4
11.2	214	Automotive Aerodynamics, Design and Ergonomics	31	4
11.3	164	Management and Marketing	31	4
<i>Optional courses</i>				
12	744	Foreign language with a specialized module - Part I	23	3
13	745	Foreign language with a specialized module - Part II	23	3