

"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: Full 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	60	5
2	944	Stress and Deformation Analysis	60	5
3	242	Automotive Theory and Design	90	7
4	116	Computer-aided Design Systems	105	8
5	212	Design, Construction, Standardization and Technology in Automotive Manufacturing	60	6
6	240	Engineering Experiment: Measurement and Analysis	105	8
7	205	Vehicle Dynamics	75	6
8	209	Automatic Transmissions and Regenerative Devices	75	6
9	164	Management and Marketing	60	5
10	264	Automotive Engineering - make a project	0	2
<i>Elective courses</i>				
	214	Automotive Aerodynamics, Design and Ergonomics	60	5
	213	Alternative Automotive Engines and Systems	60	5
<i>Optional courses</i>				
	221	Strength and Durability of Automotive Equipment	60	5