

# "Todor Kableshkov" University of Transport

Faculty: Machinery and Construction Technologies in Transport

Programme: Lifting and transport and construction machines

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	825	ППИИ	75	8
2	1025	Automation of design and construction	75	8
3	678	Dynamics of Material Handling and Construction Machines	60	8
4	679	Special Machines for Civil Engineering	75	6
5	6623	Modeling and optimization of lifting and transport and construction equipment	75	6
6	682	Machines for Multimodal, Intermodal and Cargo Terminals	75	8
7	684	Metal Structures of Material Handling and Civil Engineering Equipment	60	5
<i>Elective courses</i>				
8.1	683	Automation of Material Handling and Civil Engineering Equipment	60	6
8.2	694	Special cargo handling machines	60	6
9.1	685	Reliability of Material Handling and Civil Engineering Equipment	60	5
9.2	664	Material Handling Manipulators and Robots	60	5
<i>Optional courses</i>				
10	661	Information and Control Systems of Material Handling and Construction Equipment	60	4
11	617	Loading/Unloading and Storage Processes When Dealing with Dangerous Goods	45	3