

"Todor Kableshkov" University of Transport

Faculty: Machinery and Construction Technologies in Transport

Programme:

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	936	Technical mechanic	90	7
2	1200	Material science and welding technology	45	3
3	6620	Heat Transfer Equipment	60	5
4	1015	Technical drawing	60	5
5	1014	Interchangeability and standardization	60	5
6	1016	Machine Elements	60	5
7	6621	SPO electric drive	60	5
8	678	Dynamics of Material Handling and Construction Machines	60	6
9	626	Material Handling Equipment	60	5
10	6624	Hydraulic and pneumatic machines and drives of SPO	60	4
11	629	Reliability and Safety of High Risk Equipment	60	5
12	630	Metrology and Nondestructive Control	60	5
13	624	Operation of High Risk Equipment	60	5
14	698	Compressor Stations, Machinery and Equipment	75	6
15	635	Regulations for Technical Supervision of High Risk Equipment and Market Supervision	60	5
<i>Elective courses</i>				
16.1	623	Technical Safety of Elevators, Cableways and Ski Lifts	75	8
16.2	632	Technical Safety of Stationary Kettles and Pressure Equipment	75	8
17.1	622	Technical Safety of Lifting Equipment	60	6
17.2	633	Technical Safety of Gas Equipment, Oil Pipelines and Pumping Houses	60	6
<i>Optional courses</i>				
18	6625	Selected questions on diagnosis and testing of SPO	45	5