

# "Todor Kableshkov" University of Transport

Faculty: Machinery and Construction Technologies in Transport

Programme: Internal combustion engines (non-specialists)

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

Mode of study: Part time

Duration of study: 2.0 years

No	Code	Course	Total contact hours (Hours of lectures and seminars)	ECTS credits
<i>Compulsory courses</i>				
1	6619	DVG theory	45	7
2	673	Automated Control of Internal Combustion Engines	23	5
3	637	Fuel Systems of Internal Combustion Engines	30	6
4	638	Systems of Internal Combustion Engines	30	6
5	6622	Technical operation of LPG	30	4
6	699	Internal Combustion Engines - make a project	0	2
7	6611	Selected questions from DWG theory	38	8
8	6612	Alternative heat engines	38	8
9	6613	Hybrid drives	38	8
10	741	Fundamentals of law and patent litigation	23	6
11	6614	DHG with non-traditional operating cycles	30	8
12	6615	Noise and vibrations in LPG	38	8
<i>Elective courses</i>				
13.1	6616	Automated design systems	30	6
13.2	2209	Environmental aspects in the exploitation of liquefied natural gas	30	6
14.1	6618	Ergonomics and design	30	8
14.2	6617	Gas Turbine Engines	30	8
<i>Optional courses</i>				
15	6669	Diagnosis and testing of DVG	38	8
16	649	Internal Combustion Engines Repair	38	7