

TODOR KABLESHKOV UNIVERSITY OF TRANSPORT

FACULTY OF MACHINERY AND CONSTRUCTION TECHNOLOGIES IN TRANSPORT

Programme: **Internal Combustion Engines**

Degree: **Master**

Professional Qualification: **Master of Engineering**

Mode of Study: **Full-time**

Duration of Study: **One and a half years**

№	Code	Subject	Duration	Contact Hours	ECTS Credits
1	2	3	4	5	6
		Compulsory			
1	833	Mathematical Methods in Engineering	1S	60	5
2	225	Theory of Piston Internal Combustion Engines	1S	105	7
3	226	Alternative Heat Engines	1S	45	5
4	116	Computer-aided Design Systems	1S	105	8
5	981	Fundamentals of Law and Patent Law	1S	60	5
6	227	Gas Turbine Engines	1S	105	8
7	1220	Design, Construction and Technologies in Engine Manufacturing	1S	75	6
8	932	Dynamics and Vibration of Internal Combustion Engines	1S	60	5
9	164	Management and Marketing	1S	60	5
		Elective			
10.1	228	Systems of Internal Combustion Engines	1S	75	6
10.2	229	Fuel Systems and Adjustment of Internal Combustion Engines	1S	75	6
		Practical Training			
		Practical Training	2W		2
		Master Thesis	1S		30

S - Semester

W - Week