

204	16	Thermodynamics	4			4	4	144	50	34	16			58	36
802	17	Theoretical Mechanics	2,3				6	216	104	70		34		40	72
908	18	Chemistry		1			3	108	42	26	16			66	
801	19	Physics	3	1,2			11	396	156	82	36	38		204	36
		Specialised Courses					3	108	54	38	16			54	
204	20	Heat Transfer		5			3	108	54	38	16			54	
		Electives													
		Applied Studies					119	4 284	1 876	1 008	540	328		1 868	540
		Primary Courses					52	1 872	808	382	244	182		812	252
		<i>Applied Geometry</i>					10	360	124	16		108		200	
904	21	Descriptive Geometry	1			1	3	108	28	16		12		44	36
904	22	Engineering Computer Graphics		1,2			7	252	96			96		156	
		<i>Computer Science</i>					7	252	122	44	64	14		94	
201	23	Computer Science	2				4	144	68	20	48			40	36
204	24	Mathematical Modelling		5			3	108	54	24	16	14		54	
902	25	Strength of Materials	4	3		3	6	216	104	48	24	32		76	36
903	26	Material Science	3			3	4	144	54	38	16			54	36
903	27	Structural Materials Technology	4				4	144	68	34	24	10		40	36
906	28	Machine Parts and Design Basics	5		5		4	144	54	38	16			54	36
207	29	Metrology Standardization and Certification	4				3	108	50	34	16			22	36
309	30	Electric and Electronic Engineering		7			3	108	54	26	28			54	
614	31	Health and Safety		6			2	72	50	34	16			22	
509	32	Industrial Management		6			3	108	50	24	8	18		58	

906	33	Theory of Mechanisms and Machines		3			3	108	36	20	16			72	
201	34	Basic of AeroSpace Technology		1		2	3	108	42	26	16			66	
		Specialised Courses					67	2 412	1 068	626	296	146		1 056	288
201	35	Fluid Mechanics	5			5	4	144	54	30	16	8		54	36
203	36	Propulsion Systems Dynamics and Strength	6				3	108	50	34	16			22	36
203	37	Propulsion systems configurations		6			3	108	50	34	16			58	
205	38	Manufacturing Procedures and Tools		6		6	3	108	50	34	16			58	
201	39	Propulsion Systems Control		6			3	108	50	34	16			58	
203	40	Propulsion Systems Components Computer Aided Design		7			3	108	54			54		54	
201	41	Propulsion systems Testing		7			3	108	54	28	12	14		54	
201	42	Propulsion Systems Ecology		7			3	108	54	36		18		54	
201	43	Propulsion Systems Engineering		7		7	3	108	54	36	8	10		54	
205	44	Automation Technologies for Manufacturing Systems		7			3	108	54	34	20			54	
205	45	Propulsion Systems Manufacturing and Assembly	8				3	108	38	22	16			34	36
101	46	Aircraft and Spacecraft Engineering		8			3	108	38	22	16			70	
201	47	Aerohydrodynamics		4			3	108	50	34	16			58	
		Electives					27	972	418	248	128	42		374	180
201	48.1	Theory and Design of Air Jet Engines Impeller Machines	6	5		6	7	252	104	68	36			112	36
201	48.2	Aerospace Propulsion Systems Impeller Machines	6	5		6	7	252	104	68	36			112	36
201	49.1	Aviation Propulsion System Theory and Design	7	6			6	216	104	64	32	8		76	36
201	49.2	Air Jet Engines Theory and Design	7	6			6	216	104	64	32	8		76	36
203	50.1	Air Jet Engines Components Engineering	7				3	108	54	30	16	8		18	36
203	50.2	Advanced Aerospace Propulsion Systems Design	7				3	108	54	30	16	8		18	36
203	51.1	Advanced Propulsion Systems Engineering	8				3	108	38	22	16			34	36
203	51.2	Aerospace Propulsion Systems and Components	8				3	108	38	22	16			34	36
203	52.1	Propulsion Systems Reliability		7			3	108	54	28	12	14		54	
203	52.2	Aerospace Propulsion Systems Reliability		7			3	108	54	28	12	14		54	
203	53.1	Propulsion Systems and Components	8			8	5	180	64	36	16	12		80	36

203	53.2	Aerospace Propulsion Systems CAD Tools	8		8	5	180	64	36	16	12		80	36
		Block 2. Practice				24	864						864	
		Learning and Production Practices				24	864						864	
201		Pre-Graduate Practice	8			6	216						216	
205		Production Practice I	6			6	216						216	
205		Production Practice II	4			6	216						216	
201		Learning Practice	2			6	216						216	
		Block 3. Final State Certification				9	324						324	
201		Final State Certification				9	324						324	
		Total				240	8 640							
		Total per Semesters, Hours					8 968	3 634	1 696	632	1 306		4 398	936