

ANNEX 3

TABLE 1

O	Experimental Methods in Aerodynamics	6
O	Simulation and Modeling in Fluid Dynamics	6
O	Spacecraft Orbital Dynamics and Control	6
O	Radio Communication and Radar Systems	6

TABLE 2

O	SG2215 Compressible Flow	7,5	Aerospace Technologies and Materials	6
O	SG2212 Computational Fluid Dynamics	7,5	"	6
O	SD2415 Process Modelling for Composite Manufacturing	6	"	6
O	SE2129 Fracture Mechanics and Fatigue	9	"	6
O	SD2432 Lightweight Design	20	"	6
O	SD2413 Fibre Composites - Analysis and Design	6	"	6
O	MJ2246 Rocket Propulsion	6	"	6
O	SD2414 Fibre Composites - Materials and Manufacturing	6	"	6
O	SD2450 Biomechanics and Neurronics	6	"	6
O	SD2905 Human Spaceflight	7,5	Spacecraft Attitude Dynamics and Control	6
O	AH2923 Global Navigation Satellite Systems (GNSS)	7,5	"	6
O	SD2900 Fundamentals of Spaceflight	7,5	"	6
O	SG2805 Spacecraft Dynamics	9	"	6
O	EF2240 Space Physics	6	"	6
O	EF2260 Space Environment and Spacecraft Engineering	6	"	6
O	SD2450 Biomechanics and Neurronics	6	"	6

TABLE 3A

Track: Aeronautics

O	SG2212 Computational Fluid Dynamics	7,5
O	SG2215 Compressible Flow	7,5
O	SD2905 Human Spaceflight	7,5
O	SG2805 Spacecraft Dynamics	9

TABLE 3B

Track: Lightweight structures

O	SE2129 Fracture Mechanics and Fatigue	9
O	SD2432 Lightweight Design	20

TABLE 3C

Track: Space

O	MJ2246 Rocket Propulsion	6
O	AH2923 Global Navigation Satellite Systems (GNSS)	7,5
O	SG2215 Compressible Flow OPT	7,5
O	SD2905 Human Spaceflight OPT	7,5
O	SD2805 Flight Mechanics OPT	9

TABLE 3D

Track: Systems Engineering

O	EL2450 Hybrid and Embedded Control Systems	7,5
O	SF2822 Applied Nonlinear Optimization	7,5

O	SF2842 Geometric Control Theory	7,5
O	SD2905 Human Spaceflight OPT	7,5

TABLE 4

O	Experimental Methods in Aerodynamics	6
O	Simulation and Modeling in Fluid Dynamics	6
O	Spacecraft Orbital Dynamics and Control	6
O	Radio Communication and Radar Systems	6
O	Aerospace Technologies and Materials	6
O	Spacecraft Attitude Dynamics and Control	6