

Curso Superior de Tecnologia em Manutenção de Aeronaves Fatec São José dos Campos

1st. Term	2nd. Term	3rd. Term	4th. Term	5th. Term	6th. Term
Technical Design for Aeronautics I (2)	Technical Design for Aeronautics II (2)	Integrative Project I (2)	Integrative Project II (2)	Integrative Project III (2)	Integrative Project IV (2)
Acquaintance with Aeronautics (2)	Materials I (4)	Materials II (4)	Machinery Elements (4)	Spacecraft Thrusters (4)	Aircrafts Maintenance (4)
Basic Informatics (2)					
Introduction to Physics (2)	Electrical Measures Instruments (2)	Electronics I (2)	Thermal and Chemical Treatment (4)	Electronics II - Avionics (4)	Spacecraft Thrusters Maintenance (4)
Electricity (2)	Electrotechnics and Electrical Machines (2)	Machining I (2)			
Introduction to Calculus (2)	Environment (2)	Production Processes (4)	Automation (2)	Assembling Processes (2)	Electrotechnical Aircrafts Maintenance (4)
Linear Algebra and Analytical Geometry (4)	Health and Safety at Work (2)		Projects (2)	Corrosion and Protective Mechanisms (2)	
	Social Law (2)	Research Methodology (2)	Vibrations (2)	Air Conditioning (2)	Environmental Systems Maintenance (2)
Statistics (2)	Physics (Wave) (2)	Strength of Materials for Aeronautics (2)	Metrology (2)	Fractures Analysis (2)	Lubrication (2)
Portuguese Language (2)	Calculus for Aeronautics (2)	Hydraulics (2)	Pneumatics (2)	Maintenance Management I (4)	Undergraduate Project (2)
English Language for Aeronautics I (4)	English Language for Aeronautics II (4)	Transportation Phenomena (2)	Thermodynamics (2)		Maintenance Management II (2)
		English Language for Aeronautics III (2)	English Language for Aeronautics IV (2)	English Language for Aeronautics V (2)	English Language for Aeronautics VI (2)
Classes:: Weekly - 24 Term - 480	Classes:: Weekly - 24 Term - 480	Classes:: Weekly - 24 Term - 480	Classes:: Weekly - 24 Term - 480	Classes:: Weekly - 24 Term - 480	Classes:: Weekly - 24 Term - 480

Curricular Internship: 240 hours as of the 4th. Term

Undergraduate Major Work: 160 hours as of the 5th. Term

Basic Core Subjects			Professional Core Subjects		
	Classes	%		Classes	%
Portuguese Language Communication Skills	40	1.4	Aircrafts Maintenance Major-Specific Subjects	680	23.6
Foreign Language Communication Skills	320	11.1	Specific Subjects	840	27.2
Mathematics and Statistics	200	6.9	Management	120	4.2
Physics	400	13.9	Cross-Studies (Multidisciplinary)	280	9.7
Totals	960	33.3	Totals	1920	66.7

COURSE LOAD SUMMARY:

2880 classes → 2400 hours (fulfills the CNCST under CEE-SP Resolution 86 of 2009 requirements and CPS internal policies) + (400 hours of CURRICULAR INTERNSHIP) = 2.800 hours

CNCST - National Catalogue of Higher-Education Technology Courses

CEE-SP - State of São Paulo Council for Education

CPS - Paula Sousa Center