

Curso Superior de Tecnologia em Eletrônica Automotiva/Automotive Electronics Technology Degree Course Santo André e Taubaté

1st. Term	2nd. Term	3rd Term	4th Term	5th Term	6th Term
Electricity for Automotive Control Unit (4)	Digital Electronics II (4)	Internal Combustion Engines I (4)	Internal Combustion Engines II (4)	Engine Management (4)	Transmission, Suspension and Steering System (4)
Digital Electronics I (4)	Analog Electronics I (4)	Sensors and Actuators (4)	Automotive Communications Networks* (4)	Brake System (4)	Technology for Commercial and Special Vehicles (4)
Technical Design I (2)	Programming Technique and Language (4)	Analog Electronics II (4)	Loading and Starting (4)	Vehicular Inspection (4)	Automotive Communication Technologies (4)
Applied and General Physics I (4)	Applied and General Physics II (4)	Microcontrollers* (4)	Automotive Management Units* (4)	Vehicle Air-Conditioning Systems (2)	Diesel Engines (2)
Basic Metrology (2)	Transport Phenomena (4)	Control (4)	Comfort, Convenience and Safety Systems (4)	Special Topics of Microcontroller Programming (4)	Vehicular Electromagnetic Compatibility (2)
Calculus I (4)	Calculus II (4)	Basic Statistics (2)	Environment (2)	Management and Entrepreneurship (2)	Diagnosis (4)
Portuguese Language Business		Fundamentals of Numerical Calculation (2)	Hydropneumatics (2)	Computing Tools for Automotive Applications (2)	Quality System (2)
English Language I (2)				Undergraduate Major Work I (2)	Undergraduate Major Work II (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

* AATG - Self-contained Activities of Undergraduate Major Work - (3rd. 4th., 5th. and 6th. Term) = 400 hours
(not included in the calculation of the minimal credit hours for the area)

Basic Core Subjects			Professional Core Subjects		
	Class	%		Class	%
Portuguese Language	40	1,4	Específicas para Eletrônica Automotiva	1160	40,3
Basic English Language	40	1,4	Específicas	800	27,8
Mathematics and Statistics	240	8,3	Gestão	40	1,4
Physics	160	5,5	Physics	160	5,5
			Cross-Studies (multidisciplinary)	240	8,3
Total	480	16,7	Total	2400	83,3

COURSE LOAD SUMMARY:

2880 classes in 2400 hours (fulfills CNCST, according to rule 86 in 2009, CEE-SP the guidelines by CEETEPS)
(400 hours of AATG) = **2.800 hours**