

Curso Superior de Tecnologia em Soldagem (8 Semestres)/Welding Technology Degree Course (8 Terms)

Fatec São Paulo (04/2012)

1st. Term	2nd. Term	3rd. Term	4th. Term	5th. Term	6th. Term	7th. Term	8th. Term
Welding Production Processes (4)	Organizational Psychology I (2)	Technology in Welding and Cutting Processes I (2)	Technology in Welding and Cutting Processes II (6)	Technology in Welding and Cutting Processes II (8)	Technology in Welding of Iron Alloys (4)	Technology in Welding of Non-Iron Alloys (4)	Maintenance Welding II (4)
Science of Materials (2)	Metallurgical Physical-Chemistry (4)	Technical Design I (2)	Welding Metallurgy (4)	Industrial Management II (4)	Manufacturing Technology (4)	Calculation and Project of Machine Elements (4)	Calculation and Project of Welded Structures II (4)
Chemistry Applied to Welding (4)	Electricity Applied to Welding (4)	Humanities (4)	Design for Welding (4)	Resistance of Materials II (4)	Quality and Testing Technology I (4)	Maintenance Welding I (2)	Surfaces Treatment Technology (4)
Physics Applied to Welding (4)	Thermodynamics (2)	Industrial Management I (4)	Resistance of Materials I (4)	Statistics (4)	Computer-Aided Design (2)	Technology in Welding and Cutting Processes IV (2)	Solid State Joining Technology (2)
Calculus I (4)	Calculus II (4)	Electricity and Electronics Applied to Welding (2)			Technical Standards Applied to Welding (2)	Calculation and Project of Welded Structures I (2)	Manufacturing Systems (2)
Analytical Geometry (2)	Language and Communication Skills (4)	Numerical Calculus (2)			Organizational Psychology II (2)	Quality and Testing Technology II (4)	Environmental Management in Welding (2)
		English (2)			Hygiene and Safety at Work for Welding (2)	Scientific Technological Research Methodology (2)	Quality Management (2)
Classes: weekly - 20 term - 400	Classes: weekly - 20 term - 400	Classes: weekly - 18 term - 360	Classes: weekly - 18 term - 360	Classes: weekly - 20 term - 400	Classes: weekly - 20 term - 400	Classes: weekly - 20 term - 400	Classes: weekly - 20 term - 400

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

Basic Core Subjects			Professional Core Subjects		
	Classes	%		Classes	%
Portuguese Language Communication Skills	80	2,6	Welding Specific Subjects	1080	34,6
Foreign Language Communication Skills	40	1,3	Specific Subjects	560	17,9
Mathematics and Statistics	320	10,3	Management	240	7,7
Chemistry	160	5,1	Applied Physics	320	10,3
Physics	80	2,6	Cross-studies/multidisciplinary	200	6,4
Cross-studies/multidisciplinary	40	1,3			
Total	720	23,1	Total	2400	76,9

COURSE LOAD SUMMARY:

3120 Classes in 2600 hours + 240 hours of CURRICULAR INTERNSHIP = 2.840 hours