

Tecnologia em Análise e Desenvolvimento de Sistemas / Analysis and Systems Development Technology
FATEC Lins

1st. Term	2nd. Term	3rd. Term	4th. Term	5th. Term	6th. Term
Algorithm and Programming Logic (4)	Software Engineering I (4)	Software Engineering II (4)	Software Engineering III (4)	Software Engineering Laboratory (4)	Projects Management (4)
Computer Architecture and Organization (4)	Programming Language (4)	Data Structures (4)	Elective Course I (4)	Elective Course III (4)	CHOICE II (4) - Special Topics - Network Laboratory
Hardware Laboratory (2)	Human-Computer Interaction (2)	Object-oriented Programming (4)	Elective Course II (4)	CHOICE I (4) - DB Laboratory - Distributed Systems	CHOICE III (4) - Artificial Intelligence - Systems Audit
Language and Communication Skills (4)	Information Systems (4)	Operating Systems I (4)	Operating Systems II (4)	Information Security (2)	Team Management (2)
Discrete Mathematics (4)	Calculus (4)	Applied Statistics (4)	Database (4)	Computer Network (4)	Information Technology Management and Governance (4)
General Administration (4)	Accounting (2)	Economics and Finance (2)	Scientific Technological Research Methodology (2)	Linear Programming and Application (4)	Entrepreneurship (2)
	Society and Technology (2)				Ethics and Professional Responsibility (2)
English Language I (2)	English Language II (2)	English Language III (2)	English Language IV (2)	English Language V (2)	English Language 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 (as from the 3rd. term) - 240 hours

Undergraduate Major Work (as from the 5th. term) - 160 hours

Elective courses: Algorithm Analysis (4), Computer Architecture and Organization Laboratory (4), Programming Language I (4), Programming Language II (4), Programming Language III (4), Programming Language IV (4), Programming Language V (4), Programming Language VI (4), Programming Language VII (4), Programming Language VIII (4), Applied Microinformatics (4), Object-oriented Advanced Programming (4), Scripts Programming (4), Logic Programming (4), Programming for Industrial Automation (4), Data Bank Programming (4), Programming for Mobile Devices (4), Mainframe Programming (4), WEB Programming (4), Computer Network Project (4), Network Operating Systems (4), Free Software (4) or Software Testing (4).

DISTRIBUIÇÃO DAS AULAS POR ÁREA DE CONHECIMENTO					
Disciplinas BÁSICAS	Aulas	%	Disciplinas PROFISSIONAIS	Aulas	%
Matemática e Estatística	320	11	Ciência da Computação: Engenharia de software e programação	760	26
Administração e Economia	160	6	Ciência da Computação: Infraestrutura de TI	960	33
Comunicação em Língua portuguesa	80	3	Eletivas	160	6
Comunicação em Língua estrangeira	240	8	Transversal (multidisciplinar)	160	6
TOTAL	800	28	TOTAL	2080	72

COURSE LOAD SUMMARY

2880 classes --> 2400 hours (fulfills the CNCST) + (240 hours of CURRICULAR INTERNSHIP+ 160 hours of Undergraduate Major Work = 2800