

Tecnologia em Análise e Desenvolvimento de Sistemas

FATECs: São Paulo, Sorocaba e Taquaritinga

Diurno com aulas concentradas nos dois primeiros anos, último ano à noite

1st. Term	2nd. Term	3rd. Term	4th. Term	5th. Term	6th. Term
Microinformatics Programming (4)	Software Enginereeing I (4)	Software Enginereeing II (4)			
Algorithm and Programming Logic (4)	Programming Language(4)	Data Structures (4)	Software Enginereeing III (4)		
Information Systems (4)	Elective Course I (4)	Interação Humano Computador (2)	Object-oriented Programming (4)		
Computer Architecture and Organization (4)	Hardware Laboratory(2)	Elective Course II (4)	CHOICE I (4) - DB Laboratory - Distributed Systems	Software Enginereeing Laboratory (4)	
General Administration(4)	Operating Systems I (4)	Operating Systems II (4)	Computer Network (4)	CHOICE II (4) - Special Topics - Network Laboratory	CHOICE III (4) - Artificial Intelligence - Systems Audit
Discrete Mathematics (4)	Applied Statistics (4)	Database (4)	Projects Management (4)	Team Management (2)	Information Technology Management and Governance (4)
Language and Communication Skills (4)	Calculus (4)	Linear Programming and Application (4)	Information Security (2)	Entrepreneurship (2)	
	Accounting (2)	Economics and Finance (2)	Society and Technology (2)	Scientific Technological Research Methodology (2)	Ethics and Professional Responsibility(2)
English Language I (2)	English Language II (2)	English Language III (2)	English Language IV (2)	English LanguageV (2)	English Language VI (2)
Classes: Weekly 30 Term 600	Classes: Weekly 30 Term600	Classes: Weekly 30 Term 600	Classes: Weekly 26 Term 520	Classes: Weekly 16 Term 320	Classes: Weekly 12 Term 240

Curricular Internship (as from the 3rd. term) - 240 hours and Undergraduate Major Work (as from the 5th. term) - 160 hours

DISTRIBUIÇÃO DAS AULAS POR ÁREA DE CONHECIMENTO					
Disciplinas BÁSICAS	Aulas	%	Disciplinas PROFISSIONAIS	Aulas	%
Matemática e Estatística	320	11	Ciencia da Computação: Engenharia de softw are e programação	760	26
Administração e Economia	160	6	Ciencia 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

Elective courses: Algorithm Analysis (4), Computer Architecture and Organization Laboratory (4), Programming Language I 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 Programmig (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)..

COURSE LOAD SUMMARY

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



