

Polytechnic Institute in Portalegre



Informatic Engineering Undergraduate Degree - 3 years

Year	semester	Curricular Unit	ects
1	Winter sem.	Digital Electronics	8
1	Winter sem.	Introduction to Programming	8
1	Winter sem.	Mathematical Analysis I	5
1	Winter sem.	Linear Algebra and Analytic Geometry	5
1	Winter sem.	General Physics	5
1	Summer sem.	Mathematical Analysis II	5
1	Summer sem	Algorithms and Data Structures	7,5
1	Summer sem	Computer Architecture	7,5
1	Summer sem	Probability and Statistics	5
1	Summer sem	Computing Theory	5
2	Winter sem.	Databases I	7.5
2	Winter sem.	Object-Oriented Programming	5
2	Winter sem.	Computer Graphics	5
2	Winter sem.	Operating Systems	7,5
2	Winter sem.	Seminar I	2,5
2	Winter sem.	Numerical Methods and Optimization	2.5
2	Summer sem	Artificial Intelligence	5
2	Summer sem	Computer Networks I	7.5
2	Summer sem	Analysis and System Design	5
2	Summer sem	Web Programming with Databases	5
2	Summer sem	Databases II	7,5
3	Winter sem.	Project Management	5
3	Winter sem.	Computer Networks II	7,5
3	Winter sem.	System Administration	7.5
3	Winter sem.	Industrial Computing	5
3	Winter sem.	Technology Architectures of Information Systems	5
3	Summer sem	Distributed Systems	7,5
3	Summer sem	Human-Computer Interface	5
3	Summer sem	Project	7,5
3	Summer sem	Seminar II	2,5
3	Summer sem	Security	2.5
3	Summer sem	Software Engineering	5