

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
INF101	Introduction to Computer Engineering	1	1	1	0	1.5	2

Prerequisites	
Admission Requirements	

Language of Instruction	French
Course Type	Compulsory
Course Level	Bachelor Degree
Objective	<ul style="list-style-type: none">• Introduces the Computer engineering as a discipline with all themes in it.• Introduces Algorithm design and the basic concepts of programming without being tied to any programming language transfers.• Presents the research laboratories established in the Computer Engineering department. introduces the students about ongoing research projects.• Creates the possibility of joint work and cooperation between lecturers of the Computer Engineering department and the freshmen
Content	
References	Course notes.

Theory Topics

Week	Weekly Contents
1	General introduction with overall course material.
2	Distributed Systems & Applications
3	Software Development Processes
4	World of Programming Languages
5	Complex Networks and Analysis
6	Artificial Vision
7	Biomedical Applications
8	Algorithm Design -1
9	Algorithm Design -2
10	Semantic Web
11	Programming - 1
12	Human Machine Interface
13	Programming - 2
14	Robotics and Applications