

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
INF116	Introduction to Computer Systems	2	3	0	0	3	5

Prerequisites	
Admission Requirements	

Language of Instruction	French
Course Type	Compulsory
Course Level	Bachelor Degree
Objective	This course aims to provide foundational knowledge of how computer systems are designed, structured, and operate across hardware and software layers. It introduces students to the core components of computing systems, their interactions, and the fundamental principles underlying modern computing architectures.
Content	The course covers the physical foundations of computing (transistors and chip manufacturing), basic hardware components (CPU, GPU, memory, storage), abstraction layers in computer systems, digital logic fundamentals, instruction-level execution, memory hierarchy, input/output systems, operating systems basics, and an introduction to networking and system-level performance considerations.
References	

Theory Topics

Week	Weekly Contents
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