

Syllabus

Week	Hours	Learning Outcomes	Unit/Subject Name	Teaching Method	Evaluation Method
First	2	Introduction chapter	Structure and Function	theoretical	General questions and discussion
Second	2	Introduction Chapter	The Evolution of the Intel x86 Architecture	theoretical	General questions and discussion
Third	2	Introduction chapter	Embedded Systems	theoretical	General questions and discussion
Fourth	2	Introduction chapter	ARM Architecture	theoretical	General questions and discussion
Fifth	2	The Computer System	Computer Components	theoretical	General questions and discussion
Sixth	2	The Computer System	Interrupts	theoretical	General questions and discussion
Seventh	2	The Computer System	Interconnection Structures	theoretical	General questions and discussion
Eighth	2	The Memory Hierarchy	- Principle Of Locality - Characteristics Of Memory Systems	theoretical	General questions and discussion
Ninth	2	The Memory Hierarchy	The Memory Hierarchy Types	theoretical	General questions and discussion
Tenth	2	Cache Memory	introduction and Elements of Cache Design	theoretical	General questions and discussion
Eleventh	2	Cache Memory	Mapping Function	theoretical	General questions and discussion
Twelfth	2	Internal Memory	Semiconductor Main Memory	theoretical	General questions and discussion
Thirteenth	2	Internal Memory	-Advanced DRAM Organization - Flash Memory	theoretical	General questions and discussion
Fourteenth	2	External Memory	External Memory Types	theoretical	General questions and discussion