Lec. 1:	Intr. to Computer Architecture	(Ch.1-1)		
Lec. 2:	Cost and Performance	(Ch.1-2)		
Lec. 3:	Instruction Set Architecture	(Ch.2-1)		
Lec. 4:	MIPS Instruction Set Architecture	(Ch.2-2)		
Lec. 5:	ALU Design, Add, Subtract	(Ch.3-1, 3-2)		
Lec. 6:	ALU Design, Multiply	(Ch.3-3)		
Lec. 7:	ALU Design, Divide, Floating-Point	(Ch.3-4)		
Lec. 8:	Single Cycle Processor	(Ch.4-1)		
Lec. 9:	Single Cycle Controller	(Ch.4-2)		
Lec. 10:	Multiple Cycle Processor/Controller	(Ch.4-3)		
Lec. 11:	Pipelined Processor	(Ch.4-4)		
Lec. 12:	Microprogramming and Exceptions	(Ch.4-5)		
Lec. 13:	Hardware Description Language	(Ch.4-6)		
Lec. 14:	Memory System Design	(Ch.5-1)		
Lec. 15:	Cache System Design	(Ch.5-2)		
Lec. 16:	Virtual Memory	(Ch.5-3)		
Lec. 17:	I/O Systems	(Ch.5-4)		
Lec. 18:	Parallel Processors	(Ch.6-1)		
Lec. 19:	Network-on-Chips	(Ch.6-2)		
Lec. 20:	Final Review			
Browse ht	Browse https://ceiba.ntu.edu.tw/1072EE4039_ for class notes			
TA: 鄧傑方 d06943020@ntu.edu.tw				
	Lec. 2: Lec. 3: Lec. 4: Lec. 5: Lec. 6: Lec. 7: Lec. 8: Lec. 9: Lec. 10: Lec. 11: Lec. 12: Lec. 13: Lec. 14: Lec. 15: Lec. 16: Lec. 17: Lec. 18: Lec. 19: Lec. 19: Lec. 20:	Lec. 2: Cost and Performance Lec. 3: Instruction Set Architecture Lec. 4: MIPS Instruction Set Architecture Lec. 5: ALU Design, Add, Subtract Lec. 6: ALU Design, Multiply Lec. 7: ALU Design, Divide, Floating-Point Lec. 8: Single Cycle Processor Lec. 9: Single Cycle Processor/Controller Lec. 10: Multiple Cycle Processor/Controller Lec. 11: Pipelined Processor Lec. 12: Microprogramming and Exceptions Lec. 13: Hardware Description Language Lec. 14: Memory System Design Lec. 15: Cache System Design Lec. 16: Virtual Memory Lec. 17: I/O Systems Lec. 18: Parallel Processors Lec. 19: Network-on-Chips Lec. 20: Final Review		

SCHEDULE of COMPUTER ARCHITECTURE (Spring 2019)

I.	2/21	Lec. 1 / 2	x.	4/25	Lec. 12
II.	2/28	和平紀念日	XI.	5/2	Lec. 13 HDL (TA)
III.	3/7	Lec. 3 / 4	XII.	5/9	Lec. 14 / 15
IV.	3/14	Lec. 5 / 6	XIII.	5/16	Lec. 16
v.	3/21	Lec. 7 / 8	XIV.	5/23	Lec. 17
VI.	3/28	Lec. 9 / 10	xv.	5/30	Lec. 18
VII.	4/4	兒童節	XVI.	6/6	Lec. 19
VIII	. 4/11	Lec. 11	XVII.	6/13	Lec. 20 (Review)
IX.	4/18	Midterm Exam.	XVIII	. 6/20	Final Exam.

上課時間/教室: (四)2,3,4/電二225 學生面談時間: (四)14:00-16:00/電二417