			Sakarya University, BSM 206 Computer Organization, Spring 2017 Syllabus		
Week	**Date**	**Class Type**	**Topics**	**Homework**	**Reading Assignment**
Week 1	30.01.2017	Regular	General Information and Registers		-
Week 2	06.02.2017	Regular	Performance of a Computer	HW 1	1.3, 1.4, 1.5, 1.6, 1.7
Week 3	13.02.2017	Regular	No regular class	-	-
	15.02.2017	Lab.	Installation of simulator		
Week 4	20.02.2017	Regular	Introduction to Instructions	HW 1 due	2.1, 2.2, 2.3, 2.4
Week 5	27.02.2017	Regular	Machine Language, Logical Operations, Loops	HW 2	2.5, 2.6, 2.7
	01.03.2017	Lab.	Basic operations, creating loops		
Week 6	06.03.2017	Regular	Procedures, Addressing, Character operations	HW 2 due	2.8, 2.9, 2.10
Week 7	13.03.2017	Regular	Translating and starting a program	HW 3 and Project assigments	2.12, 2.13
	15.03.2017	Lab.	Complex examples		
Week 8	20.03.2017	Regular	Arithmetic for Computers	HW 3 due	3.1, 3.2, 3.3, 3.4, 3.5
Week 9			Midterm Exam		
Week 10	03.04.2017	Regular	Processor (building datapath and control)	HW 4	4.1, 4.2, 4.3, 4.4
Week 11	10.04.2017	Regular	Pipelining	HW4 due and HW 5	4.5, 4.6
	13.04.2017	Lab.	Complex examples		
Week 12	24.04.2017	Regular	ARM v7, x86, ARM v8, History	HW 5 due	4.1, 4.2, 4.3, 4.4
Week 13	01.05.2017	Regular	Summary (or maybe project presentations)	-	-
Week 14	08.05.2017	Regular	Project Presentations	-	-
			Final Exam		

Textbook:	Computer Organization and Design, The Hardware/Software Interface, David A. Patterson and John L. Hennessy, Morgan Kaufman, 5th Ed. , 2014

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