Fechas importantes 1^{er} cuatrimestre 2019:

- Exámen:
  - Primer parcial - 23/5
  - Primer recuperatorio - 13/6
  - Segundo recuperatorio - 04/7
- Trabajos Prácticos:
  - Presentación TP0 - 21/3
  - Entrega TP0 - 04/4
  - Presentación TP1 - 11/4
  - Entrega TP1 - 25/4
  - Presentación TP2 - 30/5
  - Entrega TP2 - 20/6

Semana	Temas	Lecturas	Ejercicios
01 - 14/3	Herramientas, Ley de Amdahl	ch.1 [1]	1.1 1.3
02 - 21/3	Ley de Amdahl, Ecuación de desempeño, MIPS	ch.1 [1]	1.2 1.4
03 - 28/3	ISA	ch.2 [1]	2.1 2.2 2.3
04 - 04/4	Assembly, ABI	Ap.A [1] [8]	
05 - 11/4	Memoria cache	ch.5 [1]	3.3 3.4 3.5 3.6 3.8
06 - 18/4			
07 - 25/4	Memoria cache	ch.5 [1] Sec. 3 [6]	3.18 3.19 3.20
08 - 02/5	Memoria virtual	ch.5 [1] Sec. 4 [6]	3.9 3.11 3.12 3.15
09 - 09/5	Memoria virtual	ch.5 [1] [3] [4]	3.1 3.2
10 - 16/5	Simil parcial		
11 - 23/5	Exámen parcial		
12 - 30/5	Data path	ch.4 [2]	
13 - 06/6	Pipeline	App. A [1]	
14 - 13/6	1^{er} recup.		
15 - 20/6			
16 - 27/6	Pipeline	App. A [1]	
17 - 04/7	2^{do} recup.		

Lecturas

[1] David Patterson, John Hennessy, *Computer Architecture a Quantitative Approach*, Elsevier, 3rd edition. ISBN: 1-55860-596-7. May 2002.

[2] David Patterson, John Hennessy, *Computer Organization and Design, the Hardware/Software Interface*, Elsevier, 3rd edition. ISBN: 1-55860-604-1. Aug. 2004.

[3] B.L. Jacob and T.N. Mudge, *Virtual Memory: Issues of Implementation*, Computer, Vol. 31, No. 6, June 1998, pp. 33-43.

[4] B.L. Jacob and T.N. Mudge, *Virtual Memory in Contemporary Microprocessors*, IEEE Micro, Aug. 1998.

[5] Jean-Loup Baer, *Microprocessor Architecture. From Simple Pipelines to Chip Multiprocessors*, Cambridge University Press. ISBN-13 978-0-521-76992-1. 2010

[6] Ulrich Dreper, *What every programmer should know about memory*

[7] Rajeev Balasubramonian and Norman P. Jouppi and Naveen Muralimanohar, *Multi-Core Cache Hierarchies*, Morgan and Claypool Publishers, 2011.

[8] System V Application Binary Interface, MIPS RISC Processor, 3rd Edition, The Santa Cruz Operation, February 1996 (http://www.sco.com/developers/devspecs/mipsabi.pdf).