

**Cptr380 Computer Architecture****10:00 M – Th****Winter 2020**

Text: Computer Organization and Design: The Hardware/Software Interface  
 David A. Patterson, John L. Hennessy, 5th Edition, Morgan Kaufmann, 2014

Notes: Schedule subject to change with appropriate notice to students.

Date		Topic
M	Jan 6	Course Introduction; Computer Architecture Overview
T	7	Chapter 1 – Computer Abstractions and Technology
W	8	Chapter 2 – Instructions: Language of the Computer
Th	9	Chapter 2 – Continued
M	13	Chapter 2 – Continued (9:50)
T	14	Chapter 2 – Wrap-up (9:50)
W	15	Chapter 3 – Arithmetic for Computers (9:50)
Th	16	Chapter 3 – Continued (9:50)
M	20	Chapter 3 – Continued; Student Snippets
T	21	Chapter 3 – Continued; Student Snippets
W	22	Chapter 3 – Continued
Th	23	Chapter 3 – Wrap-up
M	27	Chapter 4 – The Processor
T	28	Chapter 4 – Continued
W	29	Chapter 4 – Continued
Th	30	Chapter 4 – Continued
M	Feb 3	Chapter 4 – Continued
T	4	Chapter 4 – Continued
W	5	Chapter 4 – Continued; Test Review
<b>Th</b>	<b>6</b>	<b>Mid – Term Test #1</b>
M	10	Chapter 4 – Continued; Student Snippets
T	11	Chapter 4 – Continued; Student Snippets
W	12	Chapter 4 – Wrap-up; Project Committal Form Due
Th	13	No Class
<b>M</b>	<b>17</b>	<b>No Class – Snow Frolic</b>
T	18	Chapter 5 – Large and Fast: Exploiting Memory Hierarchy
W	19	Chapter 5 – Continued
Th	20	Project Related Activities
M	24	Chapter 5 – Continued
T	25	Chapter 5 – Continued
W	26	Chapter 5 – Wrap-up
Th	27	Project Related Activities
M	Mar 2	Advanced Topics
T	3	Advanced Topics
W	4	Advanced Topics;
Th	5	Project Presentations
F	6	<b>Project Rough Draft Due by Noon</b>
M	9	Project Presentations
T	10	Project Presentations
W	11	Project Presentations
Th	12	Project Presentations; Course Evaluation; Test Review
<b>Tu 17</b>	<b>2–4pm</b>	<b>Mid – Term Test #2; Final Project Report Due</b>