Week	Unit Title	Outcome(s)	Assessments Due (%)
1	General-purpose processor	Examine the architecture of general-purpose processor	
2	x86 Hardware	Examine the x86 hardware architecture Intel Manual Volume 2 Intel instructions set - opcode	Lab Report 1 (5%)
3	x86 Hardware	Examine the x86 hardware architecture Intel Manual Volume 2 Intel instructions set - opcode	Theory Quiz 1 (3%) Lab Report 2 (5%)
4	x86 Software	Examine the x86 software architecture Intel Manual Volume 3	Lab Report 3 (5%)
5	x86 Software	Examine the x86 software architecture Intel Manual Volume 3	Lab Quiz 1 (5%)
6	x86 Programming tools	Apply x86 programming tools C , Assembly and Debuggers	Theory Quiz 2 (3%) Lab Report 4 (6%)
7	ARM architecture	Examine the ARM hardware architecture	Lab Report 5 (6%)
8		Examine the ARM hardware architecture	Lab Quiz 2 (5%)
9	SoC Architecture	Examine SoC hardware architecture	Theory Quiz 3 (3%) Lab Report 6 (6%)
10	ARM software	Examine the ARM software architecture	Lab Report 7 (5%)

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11	ARM Programming Tools	Apply ARM programming tools	Theory Quiz 4(3%)
12		Apply ARM programming tools	Lab Report 8 (6%)
13		Apply ARM programming tools	Lab Quiz 3 (5%)
14	Instructional Sequence	Analyze instruction sequences for reverse engineering.	Theory Quiz 5 (3%) Lab Report 9 (6%)
15 (Exam Week)	Course wrap-up	Final exam	(20%)

Note: Schedule is subject to change. Due Dates for course work will be announced on D2L

Key Dates:

Week 2: Course add/drop deadline is the end of Week 2.

Week 10: The final course withdrawal date as per the calendar is at 70% of the completion of the course. Check “important dates” on the SAIT website for specific dates.

Week 15: Final Exam Week. You must be available to write your exams right up to 6 p.m. on the final day of exam week. Detailed exam schedules will be posted several weeks before exam week.

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