

Date	Topic	Reading	Assignments
1/25	Module 1 - Binary Numbering Systems	Kann(1) - Chapter 1	
2/1	Module 2 - Boolean Algebra	Kann(2) – Chapter 2	Homework #1 – Binary Numbers
2/8	Module 3 – Setting up a PI First Pi Program	Notes	Homework #2 = Boolean Algebra
2/15	Module 4 – I/O in ARM Assembly Introduction to GDB	Notes	Homework #3 – First Assembly Program
2/22	Module 5 – Basic Programming in ARM Assembly	Notes	Homework #4 – I/O in Assembly, Quiz on GDB
3/1	Module 6 – Arm machine code	Notes	Homework #5 – Writing programs using Arithmetic and Logical operators
3/8	Module 7 – Simple functions and program flow in ARM	Notes	Homework #6 – ARM machine code
3/15	Module 8 - Procedural programming in ARM	Notes	Homework #7 – ARM functions
3/22	Break		
3/29	Module 9 – Recursive programming in ARM	Notes	Homework #8 – ARM procedural programs
4/5	Module 10 – Array Processing in ARM	Notes	Homework #9 – Recursive functions
4/12	Circuits and IC's	Kann(2)	Homework #10 – Array processing
4/19	Simple One Address Computer	Kann(3)	Homework #11 - Circuits
4//26	Simple One Address Computer	Kann(3)	Homework #12 – One Address modifications

5/3	Final	Final	Final
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Kann(1) - <https://cupola.gettysburg.edu/oer/2/>

Kann(2) - <https://cupola.gettysburg.edu/oer/1/>

Kann(3) - <https://cupola.gettysburg.edu/oer/3/>