

T _T #	📅 Mon	🔗 Unit	T _T Lecture Content	T _T Assignments	T _T Demo Checkpoint
Week 0	8/26/2024	Basic Skills	Intro to Three Chips: Lecture 1.pptx Intros to Demos: Week0 TA Introductions	Decide whether to stay!	Meet others in the class
Week 1	9/2/2024	Basic Skills	BWRC Introduction & BWRC Lab Training Info	BWRC Lab Training + NDAs	Brainstorm demo ideas
		Basic Skills	Introduction to the specs	"RT_M" Spec Read-through	Project Interest Form
Week 2	9/9/2024	Basic Skills	Student Presentations: Spec Improvements	Submit Slides	
		PCB Design	Intro to Bring-up PCBs	BWRC Lab Practicum	Meet your Demo team!
Week 3	9/16/2024	PCB Design	Intro to Altium	Basic Altium Tutorial	
		PCB Design	Student Presentations: Demo Goals		
Week 4	9/23/2024	PCB Design	Worksession		Have a testboard schematic
		PCB Design	Worksession		
Week 5	9/30/2024	PCB Design	Student Presentations: PCB Design Review		Have a testboard layout
		Verif & Sims	Chipyard & Sim Verification	Find & run existing sims	Submit design for fab!
Week 6	10/7/2024	Verif & Sims	Worksession		Write PCB loopback test
		Verif & Sims	Worksession		Write functionality tests
Week 7	10/14/2024	FPGA	FPGAs for Validation	Run your own binary	
		FPGA	SP23 Chip Linux Demo		
Week 8	10/21/2024	FPGA	Worksession	Run a customized bitstream	(Maybe...) Chips arrive!
		FPGA	Student Presentations: Learnings from SP23		
Week 9	10/28/2024	Baremetal	Intro to Baremetal IDE	Set up Baremetal IDE	Day0 "Hello World" Binary
		Baremetal	Worksession		
Week 10	11/4/2024	Baremetal	Worksession		Have a working interface
		Baremetal	Worksession		
Week 11	11/11/2024	Silicon	Silicon: Beyond Functionality		Prove chip functionality
		Silicon	Student Presentations: SP24 Bring-up Progress	Basic correlation, data quiz	
Week 12	11/18/2024	Silicon	Worksession		Demo MVP Complete
			THANKSGIVING		
Week 13	11/25/2024	Silicon	Worksession		Provide benchmark data
		Present	Presentation Guidelines		
Week 14	12/2/2024	Present	Worksession		
		Present	Worksession		Slide deck draft submission
Week 15	12/9/2024	Present	RRR		
		Present	RRR	Final slide deck submission	Demos Complete!
Week 16	12/16/2024	Present	FINALS		APPLE PRESENTATIONS
		Present	FINALS		