

Semester 1 Laboratory Schedule (AY2017/2018): < as of 30 August 2017 >

Instructional Week	LAB GRP DAY & DATE	EE2020/EE2026	EE2024	EE2025		EE2027	EE2031		EE2032	
		PM	AM	AM	PM	PM	AM	PM	PM	
2	MON 21-Aug							CSD1		
	TUE 22-Aug							CSD1	SCD1*	
	WED 23-Aug								SCD1*	
	THUR 24-Aug									
	FRI 25-Aug		PCI-1					CSD1		
3	MON 28-Aug		PCI-1							
	TUE 29-Aug								SCD2*	
	WED 30-Aug		PCI-1						SCD2*	
	THUR 31-Aug									
	FRI 1-Sep	HARI RAYA HAJI								
4	MON 4-Sep	Lab 1-EE2020	PCI-2					CSD2		
	TUE 5-Sep	Lab 1-EE2020						CSD2	SCD3*	
	WED 6-Sep		PCI-2					CSD2	SCD3*	
	THUR 7-Sep	Lab 1 : EE2026 (E-Lab)								
	FRI 8-Sep	Lab 1 : EE2026 (E-Lab)	PCI-2					CSD2		
5	MON 11-Sep	Lab 2-EE2020						CSD3		
	TUE 12-Sep	Lab 2-EE2020						CSD3		
	WED 13-Sep								CSD3	
	THUR 14-Sep	Lab 2 : EE2026								
	FRI 15-Sep	Lab 2 : EE2026							CSD3	
6	MON 18-Sep	Lab 3-EE2020	PCI-3		Expt1			CSD4		
	TUE 19-Sep	Lab 3-EE2020		Expt1				CSD4		
	WED 20-Sep		PCI-3		Expt1				CSD4	
	THUR 21-Sep	Lab 3 : EE2026			Expt1	BJT				
	FRI 22-Sep	Lab 3 : EE2026	PCI-3	Expt1				CSD4		
RECESS										
7	MON 2-Oct	Lab 4-EE2020	PCI-4		Expt1			CSD5		
	TUE 3-Oct	Lab 4-EE2020		Expt1				CSD5		
	WED 4-Oct		PCI-4		Expt1				CSD5	
	THUR 5-Oct	Lab 4 : EE2026			Expt1	BJT				
	FRI 6-Oct	Lab 4 : EE2026	PCI-4	Expt1				CSD5		
8	MON 9-Oct	Proj 1-EE2020	PCI-5					CSD6		
	TUE 10-Oct	Proj 1-EE2020						CSD6		
	WED 11-Oct		PCI-5						CSD6	
	THUR 12-Oct	Proj 1 : EE2026				BJT				
	FRI 13-Oct	Proj 1 : EE2026	PCI-5					CSD6		
9	MON 16-Oct	Proj 2-EE2020						CSD7	CSD7	
	TUE 17-Oct	Proj 2-EE2020						CSD7	SCD4	
	WED 18-Oct	DEEPAVALI								
	THUR 19-Oct	Proj 2 : EE2026								
	FRI 20-Oct	Proj 2 : EE2026						CSD7		
10	MON 23-Oct	Proj 3-EE2020	PCI-6		Expt2			CSD8		
	TUE 24-Oct	Proj 3-EE2020		Expt2				CSD8	SCD5	
	WED 25-Oct		PCI-6		Expt2			CSD8	SCD4	
	THUR 26-Oct	Proj 3 : EE2026			Expt2	OPAMP				
	FRI 27-Oct	Proj 3 : EE2026	PCI-6	Expt2				CSD8		
11	MON 30-Oct	Proj 4-EE2020	PCI-7		Expt2			CSD9		
	TUE 31-Oct	Proj 4-EE2020		Expt2				CSD9		
	WED 1-Nov		PCI-7		Expt2			CSD9	SCD5	
	THUR 2-Nov	Proj 4 : EE2026			Expt2	OPAMP				
	FRI 3-Nov	Proj 4 : EE2026	PCI-7	Expt2				CSD9		
12	MON 6-Nov	Proj 5-EE2020						CSD10	CSD10	
	TUE 7-Nov	Proj 5-EE2020						CSD10	SCD6	
	WED 8-Nov							CSD10	SCD6	
	THUR 9-Nov	Proj 5 : EE2026								
	FRI 10-Nov	Proj 5 : EE2026						CSD10		
13	MON 13-Nov		PCI-8					CSD11	CSD11	
	TUE 14-Nov							CSD11		
	WED 15-Nov		PCI-8						CSD11	
	THUR 16-Nov					OPAMP				
	FRI 17-Nov		PCI-8					CSD11		

MODULES AND LABORATORIES DETAILS

Module Code and Name	Lab Location
<b>EE2020/EE2026 Digital Fundamentals / Digital Design</b>	Digital Electronics (E4-03-07)
<b>Lecturers in charge</b>	Experiment / Assignment
Massimo & Chua DJ	Lab 1: (60) Getting Started (E-Lab)
<b>Lab Officers</b>	Lab 2: (60) Combinational Circuits
Ms MH Chia, Ms Goh KS & Mr FM Ho	Lab 3: (60) Sequential Circuits Part 1
	Lab 4: (60) Sequential Circuits Part 2
	Proj 1: (60) Introduction to BASYS3 I/O Devices
	Proj 2: (60) Basic Features Implementation
	Proj 3: (60) Advanced Features Implementation
	Proj 4: (60) Full System Testing
	Proj 5: (60) Project Assessment

Module Code and Name	Lab Location
<b>EE2024 Prog for Computer Interfaces</b>	Digital Electronics (E4-03-07)
<b>Lecturers in charge</b>	Experiment / Assignment
CK Tham & Rajesh CP	PCI-1: (60) Familiarization with Development Environment
<b>Lab Officers</b>	PCI-2: (60) Assembly Language and C Programming
Ms MH Chia, Ms Goh KS & Mr FM Ho	PCI-3: (60) Assignment 1 Assessment
	PCI-4: (60) System Design and Baseboard Familiarization
	PCI-5: (60) Interfacing to Sensors and Output Devices using GPIO, I2C and SPI
	PCI-6: (60) Interrupt Handling and Event Detection
	PCI-7: (60) Interfacing to External System using UART
	PCI-8: (60) Assignment 2 Assessment

To be reschedule to 25 Aug due to HARI RAYA HAJI

Module Code and Name	Lab Location
<b>EE2025 Power Electronics Module</b>	Energy Managment Microgrid (WS2 #05-20)
<b>Lecturers in charge</b>	Experiment / Assignment
Panda SK	Expt1
<b>Lab Officers</b>	Expt2
Mr HC Seow & Mr FC Looi	

Module Code and Name	Lab Location
<b>EE2027 Electronic Circuits</b>	Linear Electronics (E4A-06-06)
<b>Lecturers in charge</b>	Experiment / Assignment
Chor EF, Hong MH	<b>BJT Amplifier</b>
<b>Lab Officers</b>	<b>OPAMP</b>
<b>Ms Rose Seah &amp; Mr Uh CL</b>	

Module Code and Name	Lab Location
<b>EE2031 Circuits &amp; Systems Design Lab</b>	Linear Electronics (E4A-06-06)
<b>Lecturers in charge</b>	Experiment / Assignment
Heng CH	CSD1: (36) Characterizing diode parameters
<b>Lab Officers</b>	CSD2: (36) Experiment circuits with diodes
Ms Rose Seah & Mr Uh CL	CSD3: (36) Characterizing transistor parameters
	CSD4: (36) Design filter to meet certain specification
	CSD5: (36) Oscillator
	CSD6: (36) Characterizing solar panel
	CSD7: (36) Gp brain-storming with a given list of components and presenting their ideas
	CSD8: (36) Mini-project session
	CSD9: (36) Mini-project session
	CSD10: (36) Mini-project session
	CSD11: (36) Group presentation on their mini projects

Module Code and Name	Lab Location
<b>EE2032 Signals &amp; Comm Design Lab</b>	Microwave Teaching Lab (E4-07-08) [Weeks 2*/3*/4* (PC cluster : E1-04-13 & E1-04-14) ]
<b>Lecturers in charge</b>	Experiment / Assignment
Yeo SP & Zhang JW	SCD1: (42) Analog filter design using ADS
<b>Lab Officers</b>	SCD2: (42) AM transceiver design using ADS
Mr Sing CH & Ms Lee SC	SCD3: (42) FM transceiver design using ADS
	SCD4: (42) Lab on Spectrum
	SCD5: (42) Lab on Reflection
	SCD6: (42) Lab on Antenna