

Semester 1 Laboratory Schedule (AY2018/2019) : < as of 13 August 2018 >

Instructional Week	LAB GRP DAY & DATE	CG2028		EE2026		EE2027	EE2024/EE2028		EE2031		EE2032		PC2020	
		PM	AM	PM	PM	AM	PM	AM	PM	AM	PM	AM	PM	
2	MON 20-Aug								CSD1					
	TUE 21-Aug								CSD1					
	WED 22-Aug	HARI RAYA HAJI												
	THUR 23-Aug	HARI RAYA HAJI												
	FRI 24-Aug	HARI RAYA HAJI												
3	MON 27-Aug			Lab1					CSD2					
	TUE 28-Aug						PCI-1	PCI-1	CSD2					
	WED 29-Aug	Expt1	Lab1								SCD1*			
	THUR 30-Aug	Expt1										SCD1*		
	FRI 31-Aug							PCI-1		CSD2				
4	MON 3-Sep			Lab2					CSD3					
	TUE 4-Sep								CSD3					
	WED 5-Sep		Lab2								SCD2*			
	THUR 6-Sep											SCD2*		
	FRI 7-Sep									CSD3				
5	MON 10-Sep								CSD4					
	TUE 11-Sep						PCI-2	PCI-2	CSD4				pc2020^	
	WED 12-Sep	Expt2									SCD3*			pc2020^
	THUR 13-Sep	Expt2										SCD3*		
	FRI 14-Sep							PCI-2		CSD4				pc2020^
6	MON 17-Sep			Lab3					CSD5					
	TUE 18-Sep								CSD5					pc2020^
	WED 19-Sep	Expt3	Lab3					PCI-3	PCI-3	CSD5				pc2020^
	THUR 20-Sep	Expt3												
	FRI 21-Sep								PCI-3		CSD5			pc2020^
RECESS														
7	MON 1-Oct			Lab4					CSD6					
	TUE 2-Oct							PCI-4	PCI-4	CSD6				
	WED 3-Oct		Lab4											
	THUR 4-Oct													
	FRI 5-Oct								PCI-4		CSD6			
8	MON 8-Oct			Proj1					CSD7					
	TUE 9-Oct					BJT		PCI-5	PCI-5	CSD7				
	WED 10-Oct		Proj1			BJT								
	THUR 11-Oct					BJT								
	FRI 12-Oct								PCI-5		CSD7			
9	MON 15-Oct			Proj2					CSD8					
	TUE 16-Oct					BJT			CSD8					
	WED 17-Oct		Proj2			BJT					SCD4			
	THUR 18-Oct					BJT						SCD4		
	FRI 19-Oct									CSD8				
10	MON 22-Oct			Proj3					CSD9					
	TUE 23-Oct							PCI-6	PCI-6	CSD9				
	WED 24-Oct		Proj3								SCD5			
	THUR 25-Oct											SCD5		
	FRI 26-Oct								PCI-6		CSD9			
11	MON 29-Oct								CSD10					
	TUE 30-Oct					OPAMP		PCI-7	PCI-7	CSD10			pc2020	
	WED 31-Oct					OPAMP							pc2020	
	THUR 1-Nov					OPAMP								
	FRI 2-Nov								PCI-7		CSD10			pc2020
12	MON 5-Nov			Proj4										
	TUE 6-Nov	DEEPAVALI												
	WED 7-Nov		Proj4								SCD6			
	THUR 8-Nov											SCD6		
	FRI 9-Nov													
13	MON 12-Nov								CSD11					
	TUE 13-Nov					OPAMP		PCI-8	PCI-8	CSD11			pc2020	
	WED 14-Nov					OPAMP							pc2020	
	THUR 15-Nov					OPAMP								
	FRI 16-Nov								PCI-8		CSD11			pc2020

MODULES AND LABORATORIES DETAILS

Module Code and Name	Lab Location
CG2028 Computer Organization	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Rajesh CP & Tham CK	Expt1 : Assembly Language Programming
Lab Officers	Expt2 : Microarchitecture, Pipelining and Caching
Mr FM Ho, Ms MH Chia & Ms Goh KS	Expt3 : Assignment Assessment
Module Code and Name	Lab Location
EE2026 Digital Design	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Chua DJ & Xu P	Lab 1: (60) Getting Started
Lab Officers	Lab 2: (60) Combinational Circuits
Mr FM Ho, Ms MH Chia & Ms Goh KS	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) Full System Testing
	Proj 4 (60) Project Assessment
Module Code and Name	Lab Location
EE2027 Electronic Circuits	Linear Electronics (E4A-06-07)
Lecturers in charge	Experiment / Assignment
Chor EF, Hong MH, Chim WK	BJT Amplifier
Lab Officers	OPAMP
Mr Uh CL & Ms Rose Seah	
Module Code and Name	Lab Location
EE2024/EE2028	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
CK Tham & Rajesh CP	PCI-1: (60) Familiarization with Development Environment
Lab Officers	PCI-2: (60) Assembly Language and C Programming
Mr FM Ho, Ms MH Chia & Ms Goh KS	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
Module Code and Name	Lab Location
EE2031 Circuits & Systems Design Lab	Linear Electronics (E4A-06-07)
Lecturers in charge	Experiment / Assignment
Heng CH	CSD1: (36) Characterizing diode parameters
Lab Officers	CSD2: (36) Experiment circuits with diodes
Mr Uh CL & Ms Rose Seah	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
EE2032 Signals & Comm Design Lab	Microwave Teaching Lab (E4-07-09) [Weeks 2*/3*/4* (PC cluster : E1-04-13 & E1-04-14)]
Lecturers in charge	Experiment / Assignment
Zhang JW & Luo Sha	SCD1: (42) Analog filter design using ADS
Lab Officers	SCD2: (42) AM transceiver design using ADS
Ms Lee SC, Ms Guo L	SCD3: (42) FM transceiver design using ADS
	SCD4: (42) Lab on Spectrum
	SCD5: (42) Lab on Reflection
	SCD6: (42) Lab on Antenna
Module Code and Name	Lab Location
PC2020 Electromagnetics for EE	Microwave Teaching Lab (E4-07-09) [Weeks 5*/6* (Phy Dept Lab)]
Lecturers in charge	Experiment / Assignment
Chen XD, Chen ZN	The reflection coefficient and the Smith chart
Lab Officers	
Ms Lee SC, Ms Guo L	

Academic calendar: <http://www.nus.edu.sg/registrar/calendar.html>

Examination calendar: <http://www.nus.edu.sg/registrar/event/exam.html>