

**MAKMAL HANDS-ON PASCA-PANDEMIK**

**JADUAL WAKTU KURSUS MAKMAL KEJURUTERAAN AWAM 1 & 2 (PELAJAR SPACE)**

Sesi	TARIKH	MASA	Bahan		Struktur		Kejuruteraan Alam Sekitar		Geoteknik		Penggangkutan		Hidraulik & Hidrologi		
			L1C3, L1C4	L2CP	L1S1, L1S2, L1S3	L2S1, L2S2, L2S3, L2S4	L2E1	L2E2	L1G1, L1G2, L1G3, L1G4	L2G1, L2G2, L2G3, L2G4, L2G5	L2T1	L2T2 - L2T5	L1H1, L1H2, L1H3, L1H4, L1H5, L1H6	L1H7, L1H8, L1H9, L1H10 & L2H2	
1	29-Jan-24	08.30-08.45	Pendaftaran, Pembukaan dan Taklimat												
2	29-Jan-24	08.45-09.45	1a	1b	2a	2b	3a	3c	4a	4b	5a	5b	6a	6b	
3	29-Jan-24	09.45-10.45	6a	6b	1a	1b	2a	2b	3a	3c	4a	4b	5a	5b	
4	29-Jan-24	10.45-11.15	REHAT												
5	29-Jan-24	11.15-12.15	5a	5b	6a	6b	1a	1b	2a	2b	3a	3c	4a	4b	
6	29-Jan-24	12.15-13.15	4a	4b	5a	5b	6a	6b	1a	1b	2a	2b	3a	3c	
7	29-Jan-24	13.15-14.30	REHAT												
8	29-Jan-24	14.30-15.30	3a	3c	4a	4b	5a	5b	6a	6b	1a	1b	2a	2b	
9	29-Jan-24	15.30-16.30	2a	2b	3a	3c	4a	4b	5a	5b	6a	6b	1a	1b	

SELESAI

Bahan	L1C3	Fresh and hardened concrete test
	L1C4	Non-destructive testing
	L2CP	Project design mix (open-ended experiment-OBE)
Struktur	L1S1	Shear Force and Bending Moment
	L1S2	Tensile strength of mild steel
	L1S3	Structure buckling
	L2S1	Portal frame
	L2S2	Influence lines
	L2S3	Stiffness factor
	L2S4	Two hinged arch
Geoteknik	L1G1	Soil compaction
	L1G2	Soil classification
	L1G3	Unconfined compressive strength
	L1G4	Rock Mechanics
	L2G1	Oedometer consolidation test
	L2G2	Vane Shear Test
	L2G3	Undrained triaxial shear strength test
	L2G4	Permeability
L2G5	Direct shear test	

Kejuruteraan Alam Sekitar	L2E1	Environmental Project 1 - BOD Test
	L2E1	Environmental Project 1 - SS Test
	L2E1	Environmental Project 1 - Alkalinity Test
	L2E2	Environmental Project 2
Penggangkutan	L2T1	California bearing ratio test
	L2T2-L2T5	Penetration test, Softening point test, Extraction of bitumen from bituminous mixture, Sieve analysis of extracted aggregate
Hidraulik & Hidrologi	L1H1	Calibration of a Pressure Gauge
	L1H2	Center of Hydrostatic Pressure
	L1H3	Flow Through V-Notch
	L1H4	Flow Through a Venturi Meter
	L1H5	Impact of Jet
	L1H6	Pipe Friction
	L1H7	Hydraulic Jump
	L1H8	Computation of Manning's and
	L1H9	Gradually Varied Flow
	L1H10	Centrifugal Pump Characteristics
L2H2	Rainfall runoff relationship	

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