

UR6526003 - BACHELOR OF CIVIL ENGINEERING TECHNOLOGY (CONSTRUCTION) WITH HONOURS
INTAKE 2024/2025

YEAR	FIRST		SECOND		THIRD		FOURTH	
SEMESTER	1	2	3	4	5	6	7	8
DISCIPLINE CORE & ELECTIVE COURSES (110 CREDITS)	AMK10102 Fundamental of Engineering Mechanics	AMK10503* Fundamental of Solid Mechanics	AMK 20102 Structural Theory	AMK20602* Structural Analysis	AMK30103 Structure Design I	AMK30703 Structural Design II	AMK40103 Industrialized Building Construction Technology	AMK49912 INDUSTRIAL TRAINING
	AMK10203 Physic Technology	AMK10603 Fundamental of Fluid Mechanics	AMK 20203* Hydraulic and Hydrology	AMK20703 Construction Project Management	AMK30203 Construction Technology I	AMK30803 Construction Technology II	AMK40204 Construction Technology Integrated Project	
	AMK10302 Introduction to Civil Engineering Technology	AMK10703 Geomatic	AMK20303 Soil Mechanics	AMK20803 Construction Value Estimation	AMK30303 Highway and Traffic Technology	AMK30004 Bachelor's Degree Project I	AMK40006* Bachelor's Degree Project II	
	AMK10402 Technical Drawing	AMK10802 Construction Drawing	AMK20403 Construction Material	AMK20903 Building Services II	AMK30402 Contract and Site Administration	AMK30903 Basic Environmental Engineering and Management		
			AMK20503 Building Services I	AMK21003 Management of Occupational Safety and Health	Elective I AMK3XX03	Elective II AMK3XX03	Elective III AMK4XX03	
				AMK21104* Geotechnics				
COMMON CORE COURSES (12 CREDITS)	QM11103 Mathematics for Engineering Technology I	QM11203 Mathematics for Engineering Technology II	QM12103 Mathematics for Engineering Technology III		AMK31203 Civil Engineering Technologist in Society			
UNIVERSITY REQUIREMENT COURSES (18 CREDITS)	SMU13002 Philosophy and Current Issues	SMB41002 University Malay Language ^[5]			SMU22402 Engineering Entrepreneurship			
	SMB10102 Preparatory English ^[1]	SMB20102 English for General Communication ^[2] OR	SMB31202 English for Technical Communication ^[3]	SMU13102 Appreciation of Ethics and Civilization				
	SMU32202 Thinking Skills	***SMB1XX02 Option Subject (Foreign Language)						
	SMU12102 Integrity and Anti-Corruption ^[4]							
	SMZXXX01 Co-Curricular Activity	SMZXXX01 Co-Curricular Activity						
TOTAL CREDITS (140 CREDITS)	19	19	19	20	19	16	16	12

Elective I : AMK30503 Financial & Human Resource Management, AMK30603 Building Survey.
 Elective II : AMK31003 Construction Technology of Highway & Bridge, AMK31103 Construction Risk Management.
 Elective III : AMK40303 Advanced Structural Design, AMK40403 Construction Technology of Highrise Building,
 AMK40503 Building Maintenance Information System, AMK40603 Structural Inspection and Repair

- [1] MUET Band 2: SMB10102 Preparatory English > SMB20102 English for General Communication> SMB31202 English for Technical Communication, *Option Subject is NOT COMPULSORY
 [2] MUET Band 3: SMB20102 English for General Communication > SMB31202 English for Technical Communication, *Option Subject is NOT COMPULSORY
 [3] MUET Band 4 and above: SMB31202 English for Technical Communication, *Option Subject is COMPULSORY
 [4] International students should register the SMU13202 Malaysian Studies
 [5] International students other than Indonesia, Singapore and Brunei should register the SMB11002 Basic Malay Language course

**Course with prerequisite	
Course	Prerequisite
AMK10503	AMK10102
AMK20203	AMK10603
AMK20602	AMK20102
AMK21104	AMK20303
AMK40006	AMK30004