

Bridging Exemption Test Course Information

Bridging Exemption Test Course : Basic Mathematics	
Overview	Exam questions on basic mathematical concepts particularly on operations of arithmetic, algebra, geometry, and trigonometry, matrices and all basic concepts in statistics. Formulas and graph paper will be provided during exam. Non-graphical, non-programmable scientific calculator is required.
Faculty / Programme Group	<ul style="list-style-type: none">• Architecture, Real Estate, Surveying• Quantity Surveying• Urban and Regional Planning• Geoinformation
Topics	<ul style="list-style-type: none">• Percentage & Fraction• Algebra and Polynomial• Angles & Polygon• Geometry Coordinates• Systems of linear equation• Quadratic Function & Equation• Matrix Algebra• Trigonometry• Statistics
Exam Details	<p>Format</p> <p>Part A – Multiple Choice Question (10%) Part B – Computational / Essay (40%)</p> <p>Duration</p> <ul style="list-style-type: none">• 2 hours• No break
References	<ol style="list-style-type: none">1. Abd. Wahid et al (2015), Engineering. Mathematics I, UTM (Textbook).2. Glynn James, (2010). Modern Engineering Mathematics, PrenticeHall.3. Glynn James, (2004). Advanced Modern Engineering Mathematics, Prentice Hall4. Mendenhall, W. et. al (2002). A Brief Introduction to Probability and Statistics. 9th Edition. Duxbury Press: California. (QA273 M52 2002).