MTU & MTU & MTU & **Bridging Exemption Test** Module Outline

Module: Basic Mathematics

Overview:

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Test questions are based on basic mathematical concepts which includes operations of arithmetic, algebra, geometry, and trigonometry, matrices and all basic concepts in statistics. Formulas and graph paper will be provided during the exam. Non-graphical, nonprogrammable scientific calculators are required.

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Faculty / Programme Group:

Architecture and Landscape

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- Real Estate
- Land and Quantity Surveying
- SUTM SUTM. Urban and Regional Planning
 - Geoinformation
 - Industrial Design
 - Management
 - Accounting
 - **Human Resources**
 - Education (TESL)

Topics Covered:

- Percentage and Fraction
- Algebra and Polynor

 Angles and Polygon

 Geometry Coordinates Algebra and Polynomial

 - Geometry Coordinates
 - Systems of Linear Equation
 - **Quadratic Function & Equation** TUTU & MTU &
 - Matrix Algebra
 - Trigonometry
 - **Statistics**

Module Test Contents:

Format:

Fart B: Computational Questions (80 marks)

• Computational – All calculations must be shown clearly.

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Duration:

3 hours

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 - 3. Glynn James, (2004). Advanced Modern Engineering Mathematics, Prentice Hall
 - 4. Mendenhall, W. et. al (2002). A Brief Introduction to Probability and Statistics. 9th Edition. Duxbury Press: California. (QA273 M52 2002).

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