

Admission Selection Exam Announcement

Mechanical Engineering (Thermal Engineering and Desalination Technology)

Program: Bridging Program for Bachelor of Science in Mechanical Engineering (Thermal Engineering and Desalination Technology)	
Date	Monday, July 13, 2026
Time	2:00 PM – 3:30 PM
Exam Duration	90 minutes
Location	Male Applicants: Building 29, KAU (https://maps.app.goo.gl/v4Yuve7nMnjThwem9), Female Applicants: Building G064, Room G4 & G17 (https://maps.app.goo.gl/iSCXVxhFW2oGeEMM6?q_st=aw)
Exam Format	In-person, closed-book, multiple-choice exam
Number of Questions	45 multiple-choice questions

Important Instructions

- Applicants must bring a pen and pencil, eraser, sharpener, **a non-programmable scientific calculator**, and a valid National ID.
- Mobile phones, smart watches, textbooks, notes, and electronic sharing devices are not allowed during the exam.
- The exam is closed-book and must be taken in person.
- Applicants must arrive at the exam location at least 30 minutes before the scheduled start time.

Exam References and Topics

The table below summarizes the recommended general references and the main topics covered in the exam. The exam is based on essential mathematical knowledge.

Main Area	Topics Covered	Suggested References
Algebra and Trigonometry	The Real Number System, Integer and Rational Number Exponents, Polynomials, Factoring, Rational Expressions, Equations and Inequalities, Functions and Graphs, Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric Functions, Trigonometric Identities and Equations	College Algebra and Trigonometry, 7th Edition
Calculus	Functions and Models, Limits and Derivatives, Differentiation Rules	Calculus, Early Transcendentals, 9th Edition