Technological University (Hmawbi) ★ Department of Electronic Engineering ★
No.....
Date.....

26.8.2026

Technological University (Hmawbi)

Department of Electronic Engineering

ME Entrance Exam Scope

2026-2027 Academic Year

1. **EcE-52001 Advanced Electronics II**

   Chapter 8 Multidevice Circuits

   Reference Text Book: Elements of Electronic Design by Clifford D. Ferris

2. **EcE-52005 Digital Signal Processing II**

   Chapter 8. Realization of Digital Filters

   Reference Text Book: Digital Signal Processing: signal, Systems and Filters by Andreas Antoniou

3. **EcE-42003 Modern Control System II**

   Chapter 11. The Design of State Variable Feedback System

   Reference Text Book: Modern Control Systems 11th Edition by Richard C. Dorf and Robert H. Bishop

4. **EcE-52012 Modern Electronic Communication System**

   Chapter 4. LTE

   Reference Text Book: From GSM to LTE (an introduction to mobile networks and mobile broadband) by Matin Sauter

5. **EcE-52013 Microwave Engineering**

   Chapter 3. Transmission Line and Waveguides

   Reference Text Book: Microwave Engineering 4th Edition by David M. Pozar

Question Format

Q1:	EcE-52001 Advanced Electronics II	----------20 Marks
Q2:	EcE-52005 Digital Signal Processing II	----------20 Marks
Q3:	EcE-42003 Modern Control System II	----------20 Marks
Q4:	EcE-52012 Modern Electronic Communication System	----------20 Marks
Q5:	EcE-52013 Microwave Engineering	----------20 Marks

26.8.2026.

Dr. Wai Phyo Aung

Professor and Head of Department

Dr. Wai Phyo Aung
Professor & Head
Department of Electronic Engineering
Technological University(Hmawbi)