

ECSE 435. MIXED-SIGNAL TEST TECHNIQUES.

Credits: 3

Offered by: Electrical & Computer Engr (Faculty of Engineering)

Terms offered: Winter 2026

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Description

Purpose and economics of mixed-signal test, DC measurements. Accuracy and repeatability. DSP-based theory and its applications to parametric testing of analog filters, DACs, and ADC. Timing and PLL measurements. Design for Testability.

- (3-2-4)
- Prerequisites: ECSE 206 or ECSE 304 and ECSE 334 or ECSE 335
- Note: This course may be counted as a technical complementary or as a lab complementary.

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