ECSE 597. CIRCUIT SIMULATION AND MODELLING.

Credits: 4

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

Terms offered: Winter 2026

View offerings for Winter 2026 in Visual Schedule Builder.

Description

Principles of circuit simulation. Formulation of network equations. Frequency domain analysis. Nonlinear networks. Transient analysis. Sensitivity analysis. Harmonic Balance. Shooting method. Model order reduction. Macromodelling.

- (3-0-9)
- Prerequisites: ECSE 206, ECSE 251 and ECSE 331

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

Launch Visual Schedule Builder