

# Biomedical Electronic Measurements

BME253L (Fall 2025)

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Complex Impedance, AC Signals, Phasors	-> Sinusoidal Signals -> Complex Impedance		Impedance

Module	Materials	Assessment	Lab Exercise
AC RLC Circuit Analysis Passive Filters Transfer Functions & Bode Plots (Frequency Domain) Transient Response (Time Domain) Midterm II (Oct 27, 2025) Operational Amplifiers & Active Filters Transformers & Diodes Midterm III (Dec 03, 2025) Wheatstone Bridge	-> Filters	-> Problem Set 05	Filters      Transient Response   Opamps   Transformers & Diodes   Wheatstone Bridge: Temperature Measurement
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