

Biomedical Electronic Measurements

BME253L (Fall 2025)

Table of contents

Module	Materials	Assessment	Lab Exercise
Voltage & Current	Lecture Notes & Slides	Quizzes & Problem Sets	Introduction
Ohm's Law & Power	Lecture Notes & Slides	Quizzes & Problem Sets	Ohm's Law & Power
Capacitors & Inductors	Lecture Notes & Slides	Quizzes & Problem Sets	Capacitors, Inductors & Oscilloscopes
Complex Impedance	Lecture Notes & Slides	Quizzes & Problem Sets	Impedance
Filters	Lecture Notes & Slides	Quizzes & Problem Sets	Filters
Transient Response	Lecture Notes & Slides	Quizzes & Problem Sets	Transient Response
Operational Amplifiers	Lecture Notes & Slides	Quizzes & Problem Sets	Opamps Lab
Wheatstone Bridge			Wheatstone Bridge: Temperature Measurement
Transformers			
Diodes			
Final Exam & Lab Practical			