

Biomedical Electronic Measurements

BME253L (Fall 2025)

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| Midterm I (Sep 22, 2025) | | | |
| Capacitors & Inductors DC RC/RL Circuit Analysis | | | Capacitors, Inductors & Oscilloscopes |
| Complex Impedance, AC Signals, Phasors AC RLC Circuit Analysis Passive Filters Transfer Functions & Bode Plots (Frequency Domain) | | | Impedance Filters |
| Transient Response (Time Domain) | | | Transient Response |
| Midterm II (Oct 08, 2025) | | | |

| Module | Materials | Assessment | Lab Exercise |
|---|-----------|------------|--|
| Operational Amplifiers & Active Filters | | | Opamps |
| Transformers & Diodes | | | Transformers & Diodes |
| Midterm III (Dec 03, 2025) | | | |
| Wheatstone Bridge | | | Wheatstone Bridge: Temperature Measurement |
| Final Lab Practical (Dec 10, 2025) | | | |