EEE520 Advance Instrumentations (2 units)

Department of Electrical and Information Engineering

Covenant University
1. EEE520
1.1. EEE520 Advance Instrumentations (2 units)

Revision of basics of measurement and instrumentation, Error in measurements, DC and AC bridges and their applications, Instrument transformers and applications in power systems, energy meters and metering, Electronic instrumentations: digital techniques, Analogue/digital signal processing (ADC/DAC), sample and hold circuits, electronic counters and their applications, Application of microcontrollers in digital instrumentation.