

ELET241N : Electronics II

This course is a continuation of Electronics I covering more advanced electronics topics with a variety of applications. Emphasis is on analysis and application of operational amplifiers. The nonideal characteristics of op-amps and other electronic devices will be discussed with applications emphasizing offset, gain and linearity. Other topics may include but are not limited to; differential amplifiers, frequency response, A/D and D/A circuits, active filters, troubleshooting of lab test circuits and analysis using computer electronic analysis simulation.

Class Hours 3

Lab Hours 3

Credits 4

Prerequisites

ELET141N, ELET132N, MATH120N or permission of the EET Program Coordinator.