EEL 4119L Laboratory 2

Credits: 3

Text book, title, author, and year: Course material supplied by FAU Instructor

Specific course information
   a. Catalog description: Experiments and projects to supplement the theoretical work in core courses.
   b. Prerequisites: EEE 4361, EEL 3118L, EEL 3470, EEL 4656
   c. Required, elective, or selected elective: required

Specific goals for the course
Specific outcomes of instruction:
   a. By the end of the course students will be able to: (i) work effectively as a team member on a project team; (ii) demonstrate knowledge of proper study skills and time management habits; (iii) demonstrate the ability to communicate effectively orally and in writing a report; (iv) demonstrate understanding of the problem solving process.

Brief list of topics to be covered:
   1) Active Filters,
   2) Wideband Amplifier
   3) Class-C and Colpitts Oscillator
   4) Switching Regulator
   5) Spectrum Analyzer
   6) Transmission Lines