

Department of Electrical and Computer Engineering

LINEAR SYSTEMS LABORATORY

ECE3151

William J. Ebel, Ph.D.

Associate Professor

Electrical and Computer Engineering Department
Parks College of Engineering, Aviation and Technology
Saint Louis University

COURSE INFORMATION

Time:	Thursday 2:10pm - 4pm
Place:	MDD 1018
Text:	None
Prerequisites:	Circuits, Differential Equations, and Computer Programming
Corequisite:	Linear Systems
Instructor:	William J. Ebel
Office:	1017B MDD
Contact Info:	Ph: 314-977-8232 Email: william.ebel@slu.edu
Website:	https://csss.slu.edu/ebel (click on the appropriate course)
Office Hours:	TBD (please see my door after the 1st week of classes)
Grading:	Labs 65% Practical Exam: 20% Effort (Attendance, Observation, etc.) 15%
Final:	Practical Exam on the last class day.

LABORATORY TOPICS

Below are some of the topics that may be experienced in this lab: (tentative)

- Energy and Power estimation
 - Noise reduction using Convolution
 - Echo Cancellation
 - AM Radio Modulation and Demodulation
 - Vowel Recognition
 - PID Controller
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