Spring 2027

EECS 562 – Introduction to Communication Systems Lab Schedule

Week of	Lab #	Lab Description	Lab report due
18-January		No Lab	
25-January		Introduction & Pico-scope Tutorial	
25-January	Lab 1	Introduction & Pico-scope Tutorial	
1-February	Lab 2	Sampling, TDM and Demultiplexing	Lab 1 Due
8-February	Lab 2	PCM Modulation, Demodulation and Eye Diagram	
15-February	Lab 3	ASK modulation, demodulation and FSK modulation	Lab 2 Due
22-February	Lab 3	FSK demodulation and BPSK modulation, demodulation	
1-March	Lab 4	DSBSC modulation, demodulation and DSBLC modulation, demodulation	Lab 3 Due
8-March	Lab 4	SSB modulation, demodulation	
15-March		No Lab (Spring Break)	
22-March	Lab 5	VCO, NBFM, WBFM modulator	Lab 4 Due
29-March	Lab 5	PLL, NBFM, WBFM demodulator	
5-April	Lab 6	Superheterodyne and noise analysis AM system	Lab 5 Due
12-April	Lab 6	FM system and SNR	
19-April	Lab 7	OFDM	Lab 6 Due
26-April	Lab 8	Software Defined Radio	Lab 7 Due
May 3			Lab 8 Due
7-May		No lab (Stop Day Week)	