

EESC6389 - Wireless Communications Laboratory

[EESC 6389](#) Wireless Communications Laboratory (3 semester credit hours) This lecture and lab course covers the fundamentals of wireless communication from the perspective of digital signal processing (DSP). Physical layer concepts such as linear modulation, demodulation, and orthogonal frequency division multiplexing; synchronization, channel estimation, equalization, and MIMO will be translated into practice with the help of software defined radio platforms. Lab fee of \$30 required. Prerequisite: [EE 3350](#) or equivalent. (2-3) Y