

EERF6355 - RF and Microwave Amplifier Design

[EERF 6355](#) RF and Microwave Amplifier Design (3 semester credit hours) Design of narrow band, and broadband amplifiers. Study of stability on amplifiers. Study of noise figure, noise parameters and noise sources. Low noise amplifier design. Study of distortion on amplifiers. Introduction to power amplifiers. Microwave amplifier design in integrated circuits. Prerequisite: [EERF 6311](#) or equivalent. (3-0) R