

## EERF6393 - Microwave Power Amplifiers

[EERF 6393](#) Microwave Power Amplifiers (3 semester credit hours) RF/Microwave transistor power amplifier (PA) applications and fundamental linear and non-linear performance objectives are studied such as: output power, efficiency, and distortion. Key amplifier classes and design topologies are studied. Students will complete CAD design projects to demonstrate mastery of relevant techniques. Prerequisite: [EERF 6311](#) or equivalent. Corequisite: [EERF 6355](#) or equivalent. (3-0) R