USD ENGINEERING PROGRAM OUTCOMES ADDRESSED BY EEE 194RF

Learning Objectives / Program Outcomes	Students will be able to specify and design passive radio frequency and microwave circuits.	Students will be able to specify and design active radio frequency and microwave amplifiers.	Students will be able to specify and design discrete and stripline matching networks.	Students will be able to specify and design generic forms of oscillators and mixers.	Students will be able to complement their designs with state-of-the-art radio frequency & microwave simulation tools.
Be able to communicate with people within and outside of their engineering discipline.					
Have shown the capacity to work effectively on teams.					
Have shown the ability to continue to develop technical and professional skills in their chosen areas of expertise.	✓	✓	✓	✓	✓
Know how to apply the techniques, skills, and modern engineering tools necessary for engineering practice.	✓	✓	✓	✓	✓
Design and conduct experiments, as well as analyze and interpret data.	✓	✓	✓	✓	✓
Be able to develop feasible solutions to a broad range of problems in their field.	✓	✓	✓	✓	✓
Know how to design a system, component, or process to meet desired needs.	✓	✓	✓	✓	✓
Know how to critically evaluate the efficacy of their work.	✓	✓	✓	✓	✓
Understand their ethical and professional responsibilities.					
Have acquired the broad education necessary to understand the impact of engineering solutions in a global and societal context					

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