

# EEDG6306 - Application Specific Integrated Circuits Design

[EEDG 6306](#) ([CE 6306](#)) Application Specific Integrated Circuits Design (3 semester credit hours) This course discusses the design of application specific integrated circuits (ASIC). Specific topics include: VLSI system design specification, ASIC circuit structures, synthesis, and implementation of an ASIC digital signal processing (DSP) chip. Prerequisite: [EE 3320](#). (3-0) Y