

SEMICONDUCTOR TECHNOLOGY POST- BACCALAUREATE CREDIT CERTIFICATE PROGRAM

Admission Requirements

Applicants apply for admission to the program via the Graduate School application for admission (<https://gradschool.psu.edu/graduate-admissions/how-to-apply/>). Requirements listed here are in addition to Graduate Council policies listed under GCAC-300 Admissions Policies (<https://gradschool.psu.edu/graduate-education-policies/>). International applicants may be required to satisfy an English proficiency requirement; see GCAC-305 Admission Requirements for International Students (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-305-admission-requirements-international-students/>) for more information.

Code	Title	Credits
Required preparatory coursework, or equivalent:		
EE 210	Circuits and Devices	4
EE 310	Electronic Circuit Design I	4
EE 311	Electronic Circuit Design II	3

Linear circuit analysis, frequency and phase response of linear circuits; linear and nonlinear applications of semiconductor devices, such as diodes and transistors; electronic circuit design, frequency response characteristics, feedback, stability, efficiency, and integrated circuit techniques.