



Prerequisites for the MSEE Program

(Valid from Fall 2018)

Course # semester	Course # quarter	Course Title (Semester)	Semester Units	Required	T/W*
3101	306 / 307	Signals and Systems	3		
3101L	306L	Signals and Systems Laboratory	1		
3200 / 3200L or 3300 / 3300L	320 / 320L	Microelectronic Devices and Circuits / Laboratory Digital circuit design using Verilog / Laboratory	3 / 1 3 / 1		
3310	304	Data Structures and Algorithms	3		
3715	315	Probability, Statistics, and Random Processes for Electrical and Computer Engineers	3		
3301 / 3301L	341 / 341L	Introduction to Microcontrollers / Laboratory	3 / 1		
4705 / 4705L	405 / 405L	Communication Systems / Laboratory	3 / 1		
3810 / 3810L	310 / 310L	Introduction to Power Engineering / Laboratory	3 / 1		
3709 / 3709L	309 / 309L	Control Systems Engineering / Laboratory	3 / 1		

*T/W: Transferred or Waived

Requirements:

- Minimum of 13 semester units of ECE 3000 and 4000 level lecture and laboratory courses
- Minimum of 2 semester units of separate laboratory courses

I agree to complete the above checked courses, without graduate credit, with a minimum GPA of 3.0 or above by _____ (semester) _____ (year), in order to satisfy my conditional admission requirements.

 Student's Signature

 Date

 Advisor's Signature / Date

 ECE Graduate Coordinator's Signature / Date