C AL I F OR N I A S T AT E P OL Y T E C HN I C U N I V E R S I T Y, P OM ONA

38 01 W. T e m p l e Ave n ue, P o m on a , C A 9 176 8

**Prerequisites for the MSEE Program**

(Valid from Fall 2018)

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| --- | --- | --- | --- | --- | --- |
| **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 |  |  |
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*\****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