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)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 or3300 / 3300L | 320 / 320L | Microelectronic Devices and Circuits / LaboratoryDigital 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