



Interamerican University of Puerto Rico
Aguadilla Campus
Department of Science Technology

Sequential Associate of Science Technology Electronic Engineering

Effective Date: 2021

FIRST YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
ELEC 1170	Electronic Drawing	1
GECF 1010	Introduction to the Christian Faith	3
GEEN 1101 GEEN 1201 GEEN 2311	English I (One of them according to the results of the College Board)	3
GEIC 1010	Information and Computer Technologies	3
GEMA 1200	Fundamentals of Algebra	3
GESP 1101	Literature and Communication: Narrative and Poetry	3
TOTAL		16

FIRST YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
ELEC 2331	Electrical Circuits Laboratory I (requirement GEMA 1200 concurrent with ELEC 2341)	1
ELEC 2341	Electrical Circuits I (requirement GEMA 1200)	3
GEEN 1102 GEEN 1202 GEEN 2312	English II (One of them according to the results of the College Board)	3
GESP 1102	Literature and Communication: Essay and Theatre	3
MATH 1500	Pre-calculus (requirement GEMA 1200)	5
TOTAL		15

SECOND YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
ELEC 1120	Industrial Safety	3
ELEC 2121	Digital Circuits Laboratory I (requirement GEMA 1200 concurrent with ELEC 2131)	1
ELEC 2131	Digital Circuits I (requirement GEMA 1200)	3
ELEC 2332	Electrical Circuits Laboratory II (requirement ELEC 2331 and 2341 concurrent with ELEC 2342)	1
ELEC 2342	Electrical Circuits II (requirement ELEC 2341 concurrent with MATH 1500)	3
ELEC 2471	Electronic Circuits Laboratory I (requirement ELEC 2331 concurrent with ELEC 2481)	1
ELEC 2481	Electronic Circuits I (requirement ELEC 2341)	3
TOTAL		15

SECOND YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
ELEC 2472	Electronic Circuits Laboratory II (requirement ELEC 2332 and 3171 concurrent with ELEC 2482)	1
ELEC 2482	Electronic Circuits II (requirement ELEC 2481)	3
ELEC 2670	Solar Energy (requirement ELEC 2342 and 2481)	3
ELEC 3370	Programmable Logic Controllers (requirement ELEC 2131 and 2341)	3
ENGR 2130	Introduction to Computer Engineering (requirement MATH 1500)	3
GEHS 2010 GEEC 2000	Historical Process of Contemporary Puerto Rico Entrepreneurial Culture (select one of the two courses)	3
TOTAL		16

REQUIREMENTS FOR THE ASSOCIATE DEGREE

DEGREE REQUIREMENTS	CREDITS
General education requirements	24
Concentration requirements	38
TOTAL	62

NOTES:

In the English curriculum, the student will take one of the following sequences according to PAA score:

Level 1 – Elementary: PAA score up to 440

Level 2 – Intermediate: PAA score up to 441-580

Level 3 – Advanced: PAA score 581 or higher

The ELEC 2910 course requires 160 hours of in-person practicum experience at a site approved by the practicum coordinator.

Note: ELEC 2910 is a practicum course that requires 160 in-person hours at a site approved by the practicum coordinator