



Bachelor of Science with major in Electronic Engineering Technology

First Semester

FIRST YEAR:

ESPA 3101	Basic Spanish I	3
INGL 3101	Basic English I	3
INGL 3113	Basic English I Lab.	0
HUMA 3101 or HUMA 3111	Western Culture 1 or Western Culture 1 and 2 Compendium	3
MATE 3171	Pre-Calculus I	3
TEEL 3200	Intro. to Electronics Lab.	1
TEEL 3211	Direct Current Circuits	3
TEEL 3212	Direct Current Circuits Lab.	1
EDFU 3005	Personal Development and University Success Seminar	0
<i>Semester Credit Hours</i>		17

Second Semester

ESPA 3102	Basic Spanish II	3
INGL 3102	Basic English I	3
INGL 3114	Basic English I Lab.	0
MATE 3172	Pre-Calculus II	3
TEEL 3221	Alternating Current Circuits	3
TEEL 3222	Alternating Current Circuits Lab.	1
QUIM 3001	General Chemistry I	4
QUIM 3003	General Chemistry I Lab.	0
<i>Semester Credit Hours</i>		17

SECOND YEAR:

MATE 3031	Calculus I	4
TEEL 3231	Electronics I	4
TEEL 3233	Electronics I Laboratory	1
TEEL 3201	Digital Circuits I	3
TEEL 3203	Digital Circuits I Lab.	1
CISO 3121	Social Sciences I	3
<i>Semester Credit Hours</i>		16

MATE 3032	Calculus II	4
TEEL 3202	Digital Circuits II	3
TEEL 3204	Digital Circuits II Lab.	1
TEEL 3232	Electronics II	3
TEEL 3234	Electronics II Laboratory	1
TEEL 3031	Programming & Algorithms I Lab.	1
CISO 3122	Social Sciences II	3
<i>Semester Credit Hours</i>		16

THIRD YEAR:

FISI 3171	Engineering Physics I	4
FISI 3173	Engineering Physics I Lab.	1
TEEL 4006	Computer Communication Networks	3
TEEL 4009	Data Communication Networks Lab.	1
TEEL 4211	Linear Integrated Circuits	3
TEEL 4212	Linear Integrated Circuits Lab.	1
TEEL 4012	Logic Circuits III	3
TEEL 4014	Logic Circuits III Lab.	1
<i>Semester Credit Hours</i>		17

FISI 3172	Engineering Physics II	4
FISI 3174	Engineering Physics II Lab.	1
TEEL 4301	Electrical Machines & Power Systems	3
TEEL 4302	Electrical Machines & Power Systems Lab.	1
HIST 3206 or HIST 3241 or HIST 3245	Historical Panorama of Tech. in PR or PR History I or PR History Compendium	3
TEEL 4209	Signals & Systems Analysis	3
TEEL 4210	Signals & Systems Analysis Lab.	1
<i>Semester Credit Hours</i>		16

FOURTH YEAR:

TEEL 4901	Professional Design I "Capstone"	1
TEEL 4201	Communication Systems I	3
TEEL 4203	Communication Systems I Lab.	1
INGL 3344	Technical Writing and Communication	3
TEEL XXXX	Technical Elective	4
	Free Elective	3
	Free Elective	3
<i>Semester Credit Hours</i>		18

TEEL 4902	Professional Design II "Capstone"	1
TEEL 4202	Communication Systems II	3
TEEL 4204	Communication Systems II Lab.	1
TEEL 4219	Programmable Logic Controllers Laboratory	1
HUMA 3102 or HUMA 3112	Western Culture 2 or Western Culture 3 and 4 Compendium	3
	Free Elective	3
	Free Elective	3
<i>Semester Credit Hours</i>		15

Total credits for the program: 132

CURRICULUM

