

Inter American University of Puerto Rico
 Bayamón Campus
 School of Engineering
 Electrical and Computer Engineering Department
 Tel. 279-1912, Ext. 2249, 2250 or 2284
ASSOCIATE OF SCIENCE IN ELECTRONICS TECHNOLOGY (099)

Admission Requirements:

Have a high school graduation index of 2.5 and a minimum score of 550 in the section of mathematical advancement (AMAT) of the College Entrance Examination Board (CEEB) test:

Required Total Credits:
 General Education Requirements
 Major Requirements
 Prescribed Distributive Requirements

71 credits
 20 credits
 43 credits
 8 credits

Disclaimer: This sequential does not replace the General Catalogue of the year in which the student was admitted.
 Revision Date: June 2007

Effective Date: August 2004

FIRST YEAR									
First Semester					Second Semester				
Course Number	Title	Crd.	Pre-requisites	Approved	Course Number	Title	Crd.	Pre-requisites	Approved
MATH 1500	Pre-calculus	5	GEMA 1200 or AMAT (CEEB) > 550		ELEC 2351	Electric Circuits I	4	MATH 1500	
ELEC 2170	Electronic Drawing	3			ELEC 3141	Logic Circuits I	4	MATH 1500	
GESP 1101	Literature and Communication: Narrative and Essay	3			GESP 1102	Literature and Communication: Poetry and Theater	3	GESP 1101	
GEEN 1101, 1201 or 2311	English as a Second Language I, Development of English through Reading I or Reading and Writing	3	For GEEN 1101 AENG(CEEB) ≤ 450 For GEEN 1201 450 < AENG(CEEB) ≤ 550 For GEEN 2311 AENG(CEEB) > 550		GEEN 1102, 1202 or 2312	English as a Second Language II, Development of English through Reading II or Literature and Writing	3	GEEN 1101, 1201 or 2311	
GEIC 1000	Information and Computer Literacy	2			PHYS 3012	Physics for Telecommunications	4	MATH 1500	
					GEHS 2010	Historical Processes of Puerto Rico	3		
		17					18		

SECOND YEAR									
First Semester					Second Semester				
Course Number	Title	Crd.	Pre-requisites	Approved	Course Number	Title	Crd.	Pre-requisites	Approved
COMP 2110	Introduction to Computer Science	3			ELEC 3192	Electronics Circuits II	4	ELEC 3191	
ELEC 2352	Electric Circuits II	4	ELEN 2351		ELEC 3420	Electrical Systems	4	ELEC 2352	
ELEC 3191	Electronic Circuits I	4	ELEC 2352		ELEC 3490	Industrial Electronics	4	ELEC 3191, 2352	
GECF 1010	The Christian Faith	3			ELEC or ELTE	Electronics Technology Prescribe Distributive Elective	4		
ELEC or ELTE	Electronics Technology Prescribe Distributive Elective	4							
		18					16		

ELECTRONICS TECHNOLOGY PRESCRIBE DISTRIBUTIVE ELECTIVES			
Course Number	Title	Crd.	Pre-requisites
ELEC 3142	Logic Circuits II	4	ELEC 3141
ELEC 4140	Microprocessors	4	ELEC 3141
ELTE 2210	Communications Technology	4	ELEC 3141
ELTE 2250	Instrumentation Technology	4	Co-ELEC 3490
ELTE 2590	Control Technology	4	Co-ELEC 3490
ELTE 2910	Practice in Industry	4	Co-ELEC 3490

1. Students who do not fulfill the minimum admission requirements could be admitted officially to the program after finished their first year of studies (24 credits) with a minimum general average of 2.50.
2. Students who obtained a smaller score of 550 points in the section of mathematical advancement (AMAT) of the College Entrance Examination Board (CEEB) test must take Fundamentals of Algebra (GEMA 1200) course before MATH 1500. In these cases, GEMA 1200 will be considered as a free elective.