



INTERAMERICAN UNIVERSITY OF PUERTO RICO
GUAYAMA CAMPUS
NATURAL SCIENCES AND TECHNOLOGY

- **ASSOCIATE DEGREE PROGRAM IN APPLIED SCIENCES IN COMPUTER TECHNOLOGY AND NETWORKS (COTN)**
(CODE A453)

General Education Requirements	24 credits
Major Requirements	41 credits
Total	65 credits

Curricular Sequence

FIRST YEAR

First Semester				
Code	Title	Credit	Req.	Passed
COTN 1120	Design of Computer Programs	3		
GEMA 1200	Fundamentals of Algebra	3		
GEIC 1010	Information and Computing Technologies	3		
¹ GEEN 1101	English as a Second Language I: Oral Communication	3		
² GESP 1101	Literature and Communication: Narrative and Poetry	3		
	Total	15		

Second Semester				
Code	Title	Credit	Req.	Passed
COTN 1131	Electronics I	3	GEMA 1200	
COTN 1210	Computer Mathematics	3		
COTN 1230	Microcomputer Operating Systems	3		
COTN 1220	Data Communication	3		
GEEN 1102	English as a Second Language II: Reading	3		
GESP 1102	Literature and Communication: Essay and Theater	3		
	Total	18		

SECOND YEAR

First Semester				
Code	Title	Credit	Req.	Passed
COTN 2121	Network Administration I	3	COTN 1220	
COTN 2132	Electronics II	3	COTN 1210 COTN 1131	
COTN 2210	Diagnostics and Maintenance of Computerized Systems	3	COTN 1131 COTN 1230	
BADM 1550 BADM 1900	Business Management and Organization Fundamentals of Business Management	3 (un curso)		
GEHS 2010	Proceso Histórico del Puerto Rico Contemporáneo	3		
GECF 1010	Introduction to the Christian Faith	3		
	Total	15		

Second Semester				
Code	Title	Credit	Req.	Passed
COTN 2122	Network Administration II	3	COTN 2121	
COTN 2150	Implementation of Network Applications	3	COTN 2121	
COTN 2160	Network Installation and Configuration of Routers and Switches	3	COTN 1230 COTN 2121	
COTN 2220	Design and Implementation of Web Applications	3	COTN 1120	
COTN 2230	Network Diagnosis, Maintenance and Service	3	COTN 2121	
	Total	15		

(L) Courses with laboratory

This sequential does not replace the catalog of the year of entry

¹Two (2) consecutive English courses are required. Students will be placed in courses based on their CEEB English exam score or equivalent.

²Two (2) consecutive Spanish courses are required. Those students whose vernacular is not Spanish will require GESP 1021 and 1022

Program Requirements: Approval with a minimum grade of C in the concentration courses.