

## *Computer Information Systems /Telecommunications* *Associate in Applied Sciences*

We live in an information-based society dominated by computers and telecommunications. Telecommunication links bring the processing power of computers and the vital flow of information to millions of users across the world. Consequently, there is a critical need for computer specialists with the combined understanding of computer programming and telecommunications. Those who possess these skills will be in the forefront of the present and future job markets.

The Computer Information Systems/Telecommunications program at CCBC is designed to integrate computers and telecommunications by offering series of computer courses and related telecommunications courses in its curriculum.

Using the-state-of-the-art computer and networking facilities, CIS/Telecommunications students develop skills in computer programming languages, application development tools, operating systems, local area networks, and micro-to-mainframe links.

Students may opt for Part-time studies through weekly, evening and/or Saturday classes.  
Total credits in the major: 67.

Curriculum			Revised/ New	Faculty Responsible
<b>FIRST YEAR</b>				
<b>First Semester – 18 Credits</b>				
<b>Code</b>	<b>Course</b>	<b>Credit</b>		
<b>BD 150</b>	<b>Intro to Computers</b>	<b>3</b>	<b>Revised</b>	<b>Heidie</b>
<b>BD 232</b>	BASIC and Graphics	3		
<b>BA 155</b>	Accounting I	3		
<b>HE 155</b>	English Composition I	3		
<b>MA 155</b>	College Algebra	3		
<b>BB 255</b>	Principles of Economics I	3		
<b>Second Semester – 16 Credits</b>				
<b>BD 155</b>	COBOL	4		
<b>BD 241</b>	<b>Microcomputer Applications</b>	<b>3</b>	<b>New</b>	<b>Heidie</b>
<b>BA 156</b>	Accounting II	3		
<b>HE 107</b> <b>156</b>	Business English OR English Composition II	3		
<b>MA 153</b>	Introductory Probability & Descriptive Statistics	3		
<b>SECOND YEAR</b>				
<b>Third Semester – 15 Credits</b>				
<b>BD 244</b>	<b>Introduction to CICS</b>	<b>3</b>	<b>Revised</b>	<b>Heidie</b>
<b>DB 246</b>	<b>Structured Programming: Pascal</b>	<b>3</b>	<b>New</b>	<b>Heidie</b>
<b>BD 228</b>	File Processing and Access Method	3		

### Sources:

- A. Curriculum Description and Outline, CCBC Catalog, Academic Year 1990-1991
- B. Curriculum Committee Records, Academic Year 1989-1990

BD 219	Intro to Telecommunications			
<b>BD 248</b>	<b>Network Installation and Management I</b>	<b>3</b>	<b>New</b>	<b>Heidie</b>
<b>Fourth Semester – 18 Credits</b>				
<b>BD 249</b>	<b>Advanced CICS</b>	<b>3</b>	<b>Revised</b>	<b>Heidie</b>
<b>BD 250</b>	<b>C Programming</b>	<b>3</b>	<b>New</b>	<b>Heidie</b>
BD 233	Data Base Management Systems	3		
<b>BD 248</b>	<b>Network Installation and Management II</b>	<b>3</b>	<b>New</b>	<b>Heidie</b>
<b>HE 149/290</b>	Oral Communications or Public Speaking	3		
<b>HP 160</b>	General Psychology I	3		

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