



Associate of Science in Computer Programming and Analysis 2195

Career Pathway: [Science, Technology, Math and Engineering \(STEM\)](#)

Location(s): [Courses for this program are offered at all BC locations.](#)

Program Entrance Requirements: HS Diploma or GED

Program Description: The Associate in Science Degree in Computer Programming and Analysis is designed to prepare students for the dynamic world of application and web development. Students will use current technology to learn procedural and object-oriented programming as well as web design including client-side and server-side scripting. The program will culminate with a capstone course in which students will work on a hands-on group project that can be used in their portfolios.

Visit the program's [website](#) for more information.

Build Your Education



Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits	TC
Term 1	Term 1	ENC1101	Composition I	3	
		MAC 1105	College Algebra	3	
	Term 2	CIS1000C	Introduction to Computer Science	3	
		CIS1513C	Project Management	3	
Term 2	Term 3	CTS1851C	Certified Internet Webmaster Foundations	3	
		COP1334C	Introduction to C++	3	
	Term 4	COP2071C	Database Design & SQL Programming	3	
		CTS2852C	Client-Side Scripting	3	
Term 3	Term 5	SPC1024 or SPC1608	Introduction to Speech Communication or Public Speaking	3	
		Elective*	Elective Course	3	
		Term 4	COP2335C	intermediate C++ Programming	3
Elective*	Elective Course		3	TC1	
Term 4	Term 7	COP2361C	Object Oriented Analysis and Design	3	
		CGS1510c	Electronic Spreadsheet	3	TC2
Term 6	Term 8	CTS2857C	Server- Side Scripting	3	
		GE Course	General Education Science	3	
	Term 9	CTS1111C	LINUX+	3	
		CIS2910C	System Design and Development	3	
Term 7	Term 10	GE Course	General Education Humanities	3	
		GE Course	General Education Social Behavioral/Science	3	
Total Program Credit Hours				60	

Notes: Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

*Student may have to take MAT1033 based on placement score. If the student does not need MAT1033, they must take two of the following courses to fulfill the Computer Programming Electives: CTS2420C, CTS2434C, CTS2437C, CTS2438C, CTS2441C, CTS2442C, CTS2445C, CTS2446C, CTS2451C, CTS2464C, COP2360C, COP2800C, COP2222C, COP2658C, or COP2660C. Computer literacy requirement: The computer literacy requirement will be met through completion of CIS1000C.

Students are strongly encouraged to meet with an [advisor](#) to create an educational plan.

CHOOSE YOUR COURSES

Program Highlights



Credit for Prior Learning: Accelerate your path to completion with these options:

- Credit by exam
 - Earned Industry certifications
 - Prior Learning Assessment
 - And much more...
-



Related Industry Certifications: Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- CIW Foundations
 - CIW JavaScript
 - Linux+
-



Get an Internship: After completing your first year of coursework make sure to visit the Career Center for internship opportunities that help you take your career to the next level!



Median Wage and Job Growth Outlook: Broward College has [Career Coach!](#) It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.



Fund Your Education:

This Program is [Financial Aid](#) eligible. [Scholarships](#) are available. This program is part of the [Career Source Broward ITA List](#)

Get Started Today!

START APPLICATION

