



Associate of Science in Software Development – 2195A Computer Programming & Analysis

CAREER PATHWAY: [SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH \(STEM\)](#)

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

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 Software Development – Computer Programming & 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 or 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



Part Time	Course ID	Description	Credits	TC2	TC3
Term 1	GE Course	General Education Communications (Core)	3		
	COP1000C	Introduction to Programming	3	X	X
Term 2	GE Course	General Education Speech	3		
	CGS1060C	Computer Literacy	3	X	
Term 3	COP1334C	Introduction C++	3	X	X
	GE Course	General Education Mathematics* (Core)	3		
Term 4	CIS1513C	Project Management and Project+	4		X
	COP1700C	Introduction to Database Design & MySQL	3		X
Term 5	CTS1855C	Web Authoring I	4		X
	COP1250C	Programming I	3	X	X
Term 6	CTS2852C	Client-Side Scripting	4		X
	GE Course	General Education Humanities (Core)	3		
Term 7	COP2335C	Intermediate C++ Programming	3	X	X
	GE Course	General Education Science (Core)	3		
Term 8	COP2361C	Object Oriented Analysis and Design	3	X	X
	GE Course	General Education Social/Behavioral Science (Core)	3		
Term 9	Elective	Math, Internship, IT Elective #, or OST1330, OST1103C, GEB2430, SLS1501, OST2053	3		
	COP2360C	C# Programming	3		X
	ISM3013C	Information Systems Management	3		
Total Program Credit Hours			60	18	33

Notes: Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before completing specialization courses. *MAC1105C is a 5-credit course. Students who register for this course must see an advisor to discuss their academic plan. # - Any course with a computing prefix.

These are only recommended course sequences. Students are strongly encouraged to meet with an advisor to create a personalized educational plan.

CHOOSE YOUR COURSES

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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 JavaScript
- CIW Database Design
- CIW Data Analyst
- CIW Web Foundations



GET AN INTERNSHIP

Completion of the degree requires PSC4911 (Senior Research) or PSC4948 (Senior Internship) for Physical Science concentration. 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!

[Get an Internship](#)

[Virtual Job Shadow Tool](#)



MEDIAN WAGE AND JOB GROWTH OUTLOOK

Broward College has [Career Coach](#) & the [Career Ladders](#). These tools are 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. Learn how to climb your career ladder!



FUND YOUR EDUCATION

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

GET STARTED TODAY!

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Associate of Science in Software Development – 2195B Web Development

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BUILD YOUR EDUCATION



Part Time	Course ID	Description	Credits	TC1	TC4	TC5
Term 1	GE Course	General Education Speech	3			
	COP1000C	Introduction to Programming	3		X	X
Term 2	GE Course	General Education Communications	3			
	CTS1133C	A+ Comprehensive	4	X	X	X
Term 3	CTS1134C	Network+	4			
	GE Course	General Education Mathematics*	3			
Term 4	CIS1513C	Project Management and Project+	4		X	X
	COP1700C	Introduction to Database Design & MySQL	3			X
Term 5	CTS1855C	Web Authoring I	4		X	X
	GE Course	General Education Humanities	3			
Term 6	CTS2852C	Client-Side Scripting	4			X
	CTS1861C	Web Authoring II	3		X	X
Term 7	CTS1212C	Adobe Photoshop	3			X
	GE Course	General Education Science	3			
Term 8	CTS3870C	Server-Side Scripting	4			X
	GE Course	General Education Behavioral Science	3			
Term 9	Elective	Math, Internship, IT Elective #, or OST1330, OST1103C, GEB2430, SLS1501, OST2053	3	X		X
	ISM3013C	Information Systems Management	3			
Total Program Credit Hours			60	18	18	35

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