



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

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	TC1	TC2	TC3
Term 1	ISM100C	STEM IT Skills and Competencies	3			
	COP100C	Introduction to Programming	3	x	x	x
Term 2	ENC1101	Composition I	3			
	CTS1133C	A+ Comprehensive	4	x	x	x
Term 3	CTS1134C	Network+	4	x		x
	Math	General Education Mathematics*	3			
Term 4	CIS1513C	Project Management and Project+	4	x	x	x
	COP1700C	Introduction to Database Design & MySQL	3	E		x
Term 5	CTS1855C	Web Authoring I	4		x	x
	COP1250C	Programming I	3		x	
Term 6	CTS2852C	Client-Side Scripting	4			x
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3			x
Term 7	COP2251C	Programming II	4			x
	EVR1001	Environmental Science (Recommended)	3			
Term 8	COP2361C	Object Oriented Analysis and Design	3			x
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3			
Term 9	Elective	Math, Internship, IT Elective #, or OST1330, OST1103C, GEB2430, SLS1501, OST2053	3			
	ISM3013C	Information Systems Management	3			
Total Program Credit Hours			60	18	18	36

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. E – identifies an elective course for the certificate.

These are only recommended course sequences.

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

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 Career Ready: 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! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

[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](#)





Associate of Science in Software Development – 2195B Web Development

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 – Web Development 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



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Term 1	ISM1000C	STEM IT Skills and Competencies	3			
	COP1000C	Introduction to Programming	3	x	x	x
Term 2	ENC1101	Composition I	3			
	CTS1133C	A+ Comprehensive	4	x	x	x
Term 3	CTS1134C	Network+	4	x		
	Math	General Education Mathematics*	3			
Term 4	CIS1513C	Project Management and Project+	4	x	x	x
	COP1700C	Introduction to Database Design & MySQL	3	E		x
Term 5	CTS1855C	Web Authoring I	4		x	x
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3			
	CTS2852C	Client-Side Scripting	4			x
Term 6	CTS1861C	Web Authoring II	3		x	x
	CTS1212C	Adobe Photoshop	3			x
Term 7	EVR1001	Environmental Science (Recommended)	3			
	CTS3870C	Server-Side Scripting	4			x
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3			
Term 8	Elective	Math, Internship or IT Elective # or OST1330, OST1103C, GEB2430, SLS1501, OST2053	3			
	ISM3013C	Information Systems Management	3			

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