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

Information Technology Support Specialist TC1 6337 → Computer Programming Specialist TC2 6331 → Computer Programmer TC3 6332 → Software Development AS 2195 → Applied Bachelor of Science

Part Time	Course ID	Description	Credits	TC1	TC2	TC3
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		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	Introduction to Philosophy or				
	THE2000	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	Principles of Macroeconomics (Recommended) or				
	POS2041	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.
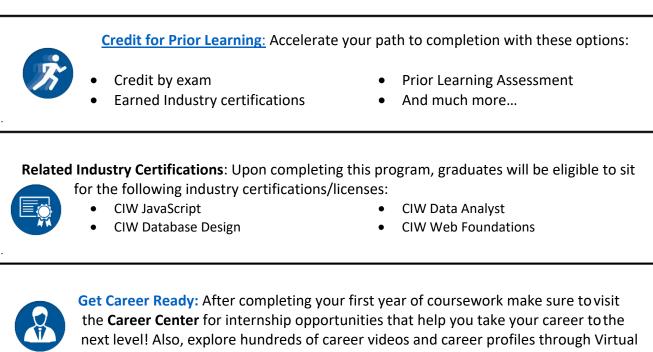
Build Your Education

Information Technology Support Specialist TC1 6337 → Front- End Web Specialist TC2 6333 → Web Programming Specialist TC3 6334 → Software Development AS 2195 → Applied Bachelor of Science

Part Time	Course ID	Description	Credits	TC1	TC2	TC3
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	Introduction to Philosophy or				
	THE2000	Theatre Appreciation (Recommended)	3			
Term 6	CTS2852C	Client-Side Scripting	4			x
	CTS1861C	Web Authoring II	3		x	x
Term 7	CTS1212C	Adobe Photoshop	3			x
	EVR1001	Environmental Science (Recommended)	3			
Term 8	CTS3870C	Server-Side Scripting	4			x
	ECO2013 or	Principles of Macroeconomics (Recommended) or				
	POS2041	National Government	3			
Term 9	Elective	Math, Internship or IT Elective # or OST1330, OST1103C, GEB2430, SLS1501, OST2053	3			
	ISM3013C	Information Systems Management	3			

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