



## Associate of Science in Software Development - 2195

**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 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



### Computer Programming and Analysis Specialization Recommended Course Sequence

Part Time	Course ID	Description	Credits	TC1	TC2	TC3	Full Time		
Term 1	ISM1149C	STEM IT Skills and Competencies	3				Fall	Spring	Summer
	COP1000C	Introduction to Programming	3	x	x	x			
Term 2	ENC1101	Composition I	3				Fall	Spring	Summer
	CTS1133C	A+ Comprehensive	4	x	x	x			
Term 3	CTS1134C	Network+	4	x		x	Spring	Summer	Fall
	STA2023 or	Statistics* (Recommended) or							
	MAC1105	College Algebra	3						
Term 4	CIS1513C	Project Management and Project+	4	x	x	x	Spring	Summer	Fall
	COP1700C	Introduction to Database Design & MySQL	3	E		x			
Term 5	CTS1851C	Web Authoring I	4		x	x	Summer	Fall	Spring
	PHI2010 or	Introduction to Philosophy or							
	THE2000	Theatre Appreciation (Recommended)	3						
Term 6	CTS2852C	Client-Side Scripting	4			x	Fall	Spring	Summer
	COP1210C	Programming I	3		x	x			
Term 7	COP2337C	Programming II	4			x	Fall	Spring	Summer
	EVR1001	Environmental Science (Recommended)	3						
Term 8	COP2361C	Object Oriented Analysis and Design	3			x	Spring	Summer	Fall
	ECO2013 or	Principles of Macroeconomics (Recommended) or							
	POS2041	National Government	3						
Term 9	Elective	Math, Internship or IT Elective #	3				Spring	Fall	Spring
	ISM3013C	Information Systems Management	3						
<b>Total Program Credit Hours</b>			<b>60</b>	<b>18</b>	<b>18</b>	<b>36</b>			

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

## Web Development Specialization Recommended Course Sequence

Part Time	Course ID	Description	Credits	TC1	TC2	TC3	Full Time		
Term 1	ISM1149C	STEM IT Skills and Competencies	3				Fall	Spring	Summer
	COP1000C	Introduction to Programming	3	x	x	x			
Term 2	ENC1101	Composition I	3				Spring	Summer	Fall
	CTS1133C	A+ Comprehensive	4	x	x	x			
Term 3	CTS1134C	Network+	4	x			Spring	Summer	Fall
	STA2023 or	Statistics* (Recommended) or							
	MAC1105	College Algebra	3						
Term 4	CIS1513C	Project Management and Project+	4	x	x	x	Summer	Fall	Spring
	COP1700C	Introduction to Database Design & MySQL	3	E		x			
Term 5	CTS1851C	Web Authoring I	4		x	x	Fall	Spring	Summer
	PHI2010 or	Introduction to Philosophy or							
	THE2000	Theatre Appreciation (Recommended)	3						
Term 6	CTS2852C	Client-Side Scripting	4			x	Fall	Spring	Summer
	CTS1806C	Web Authoring II	3		x	x			
Term 7	CTS1212C	Adobe Photoshop	3			x	Spring	Summer	Fall
	EVR1001	Environmental Science (Recommended)	3						
Term 8	CTS3857C	Server-Side Scripting	4			x	Fall	Spring	Summer
	ECO2013 or	Principles of Macroeconomics (Recommended) or							
	POS2041	National Government	3						
Term 9	Elective	Math, Internship or IT Elective #	3				Fall	Spring	Summer
	ISM3013C	Information Systems Management	3			E			
Total Program Credit Hours			60	18	18	35			

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. \*Student may have to take STA1001 or MAT1033 based on placement score. # - Any course with a computing prefix. E – identifies an elective course for the certificate. If CTS2357C is selected as a student’s elective, student will also receive TC 6338 – Information Technology.

These are only recommended course sequences.

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

CHOOSE YOUR COURSES

## Program Highlights

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**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](#)

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**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.

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**Fund Your Education:**

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

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Get Started Today!

START APPLICATION

