



Associate of Science in Computer Information Technology - 2149

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 Computer Information Technology Associate in Science degree exposes students to applications programming, networking, systems administration, database management, information security, project management and web development. It is designed for students seeking the skills set needed to be successful in their careers in the field of information technology. Visit the program's [website](#) for more information.

Build Your Education



Big Data Technologies Specialization- Track A Recommended Course Sequence

Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	ISM1149C	STEM IT Skills and Competencies	3		
	COP1700C	Introduction to Database Design & MySQL	3		x
Term 2	COP2071C	SQL Fundamentals	4		x
	ENC1101	Composition I	3		
Term 3	CTS1133C	A+ Comprehensive	4	x	
	CTS1134C	Network+	4	x	
Term 4	STA1001	Pathway to Statistics	3		x
	CIS1513C	Project Management and Project+	4	x	
Term 5	CGS1510C	Excel Data Analysis	3	E	x
	STA2023	Statistics	3		
	PHI2010 or	Introduction to Philosophy or			
Term 6	THE2000	Theatre Appreciation (Recommended)	3		
	COP1000C	Introduction to Programming	3	x	
Term 7	ISM2402C	Analyzing and Visualizing Data with Power BI	4		x
	ISM3139C	Advanced Data Visualization with Excel	4		
Term 8	EVR1001	Environmental Science (Recommended)	3		
	CAP2760C	Intro to Data Analytics	3		x
	ECO2013 or	Principles of Macroeconomics (Recommended) or			
Term 9	POS2041	National Government	3		
	ISM3013C	Information Systems Management	3		
Total Program Credit Hours			60	18	20

Information
Technology Support
Specialist
TC1 6337

Information
Technology
Analyst
TC2 6338

Computer
Information
Technology
AS 2149

Applied Bachelor
of Science

Information Technology Specialization- Track B Recommended Course Sequence

Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	ISM1149C	STEM IT Skills and Competencies	3		
	COP1000C	Introduction to Programming	3	x	x
Term 2	ENC1101	Composition I	3		
	CTS1133C	A+ Comprehensive	4	x	x
Term 3	CTS1134C	Network+	4	x	x
	CTS2375C	Cloud+	3	E	x
Term 4	CIS1513C	Project Management and Project+	4	x	x
	STA2023 or MGF1107	Statistics* (Recommended) or Survey of Mathematics	3		
Term 5	CTS1111C	Linux+	4		
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3		
Term 6	COP1700C	Introduction to Database Design & MySQL	3		x
	CTS2376C	Managing MS Office 365	3		E
Term 7	CTS2377C	Enabling MS Office 365	4		
	EVR1001	Environmental Science (Recommended)	3		
Term 8	CTS2120C	Security+	4		
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3		
Term 9	Elective	Math, Internship or IT Elective #	3		
	ISM3013C	Information Systems Management	3		x
Total Program Credit Hours			60	18	27

Information
Technology Support
Specialist
TC1 6337

GIS Specialist
TC2 6361

Computer
Information
Technology
AS 2149

Applied Bachelor
of Science

Graphical Information Systems Specialization-Track D Recommended Course Sequence

Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	ISM1149C	STEM IT Skills and Competencies	3		
	COP1000C	Introduction to Programming	3	x	
Term 2	ENC1101	Composition I	3		
	CTS1133C	A+ Comprehensive	4	x	
Term 3	CGS1510C	Excel Data Analysis	3	E	x
	CTS1134C	Network+	4	x	
Term 4	GIS1000	Mapping Fundamentals	3		x
	STA2023 or MGF1107	Statistics* (Recommended) or Survey of Mathematics	3		
Term 5	GIS1040C	Introduction to GIS I	3		x
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3		
Term 6	CIS1513C	Project Management and Project+	4	x	
	COP1700C	Introduction to Database Design & MySQL	3		x
Term 7	GIS1042C	Introduction to GIS II	3		x
	EVR1001	Environmental Science (Recommended)	3		
Term 8	GIS1030	Remote Sensing Applications	3		
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3		
Term 9	GIS1047C	Applications for GIS	3		E
	Elective	Math, Internship or IT Elective #	3		
	ISM3013C	Information Systems Management	3		x
Total Program Credit Hours			60	18	21

Information
Technology Support
Specialist
TC1 6337

Entrepreneurship
TC2 6311

Computer
Information
Technology
AS 2149

Bachelor of
Applied Science

Entrepreneurship Specialization- Track F Recommended Course Sequence

Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	ISM1149C	STEM IT Skills and Competencies	3		
	COP1000C	Introduction to Programming	3	x	
Term 2	ENC1101	Composition I	3		
	CTS1133C	A+ Comprehensive	4	x	
Term 3	CTS1134C	Network+	4	x	
	APA1111C	Introduction to Accounting	3		x
Term 4	CIS1513C	Project Management and Project+	4	x	
	CGS1510C	Excel Data Analysis	3	E	
Term 5	STA2023	Statistics	3		
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3		
Term 6	COP1700C	Introduction to Database Design & MySQL	3	3	
	GEB2011	Introduction to Business	3		E
Term 7	MAR1011	Principles of Marketing	3		x
	EVR1001	Environmental Science (Recommended)	3		
Term 8	GEB2112	Entrepreneurship	3		x
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3		
Term 9	Elective	Math, Internship or IT Elective #	3		
	ISM3013C	Information Systems Management	3		
	CIS2910C	Capstone	3		
Total Program Credit Hours			60	18	12

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, any IT course can be used to fulfill this requirement.

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



- CompTIA A+
 - Network+
 - Security+
 - CIW Database Design
 - Linux+
 - CIW Data Analyst
 - CIW Web Foundations
 - Microsoft MCSA
-



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](#)

