



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 Recommended Course Sequence

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

Information
Technology Support
Specialist
TC1 6337

Information
Technology
TC2 6338

Computer
Information
Technology
AS 2149

Applied Bachelor
of Science

Information Technology Specialization Recommended Course Sequence

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

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

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.

CHOOSE YOUR COURSES

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:

- 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](#)

Get Started Today!

START APPLICATION

