

## Associate of Science in Computer Information Technology Program Code 2149

**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.

**Career Pathway:** Science, Technology, Engineering & Math (STEM)

**Program Entrance Requirements:** HS Diploma or GED

Additional Program Information: You will earn Technical Certificates related to your program of study as you earn your AA, AS, AAS or Bachelor's degree.

**Related Industry Certifications:** Upon completing this program, graduates may be eligible to sit for the following industry certifications/licenses: A+, Network+, Security+, Linux+, and CIW Foundations.

**Location(s):** The majority of the courses are offered at all BC locations, including online. However, some courses may only be offered at the A. Hugh Adams Central Campus. Please consult the course schedule for specific semester locations.

**Contact Information:** Program contact information can be found at [www.broward.edu/academics/programs/computer/Pages/default.aspx](http://www.broward.edu/academics/programs/computer/Pages/default.aspx)

### Related Programs at Broward College:

Information Technology Support Specialist – Option 1 Technical Certificate (6337)  
 Information Technology Support Specialist – Option 2 Technical Certificate (6339)  
 Information Technology Analyst – Option 1 Technical Certificate (6338)  
 Information Technology Analyst – Option 2 Technical Certificate (6340)

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<b>General Education Credit Hours</b>		<b>18</b>
ENC1101	Composition I	3
MAC1105	College Algebra	3
SPC1608	Introduction to Public Speaking	<b>or</b>
SPC1024	Introduction to Speech Communications	3
Humanities		3
Social/Behavioral Science		3
Biological/Physical Science		3
<b>Core Requirements Credit Hours</b>		<b>24</b>
CGS2100C	Computer Applications	3
CIS1000C	Introduction to Computer Science	3
COP1334C	Introduction to C++	3
CTS1133C	A+ Essentials	3
CTS2131C	A+ Practical	3
CTS2120C	Security+	3
CIS1513C	Project Management	3
Computer Science Elective*		3

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**Specialized Courses (choose one option) Credit Hours      18**

**Option 1**

CTS1134C	Network+	3
CTS1111C	Linux+	3
CTS1390C	Installing & Configuring Windows Server	3
CTS1391C	Administering Windows Server	3
CTS1851C	CIW Foundations	3
COP2071C	Database Design & Programing using SQL	3

**Option 2**

CET2486C	Networking Technology	3
CET2742C	Advanced Networking Technology	3
CTS2383C	Managing a Server Network	3
CTS1106C	UNIX	3
CGS1557C	Internet Site Design	3
CGS1540C	Database Management	3

**Total Program Credit Hours      60**

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**Notes:** Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

\*Electives – Student may have to take MAT1033 based on placement score. If the student does not need to take MAT1033, the student must take one of the following courses: CTS1851C, CTS2120C, CTS1111C, CTS1390C, CET2486C, CIS2028, CET1600C or CGS1060C.

**Students are strongly encouraged to meet with an advisor to create an educational plan.**