

## Associate of Science in Computer Systems Specialist Program Code 2149C

**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. The program is a competency-based program.

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

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

- Students are required to complete the SmarterMeasure Online Learning Readiness Assessment
- Students are required to meet with an academic coach to create an educational plan and sign a coaching agreement

**Additional Program Information:** Competency-based learning allows students to study and accelerate their course completion time if they are able. It is ideal for those students who have the self-discipline and motivation to complete the course work without attending. Some students' learning style is especially well-suited for self-study and those with family or job responsibilities can complete much of their school work around their other responsibilities rather than having to fit their lives around classroom time. Broward College has initiated rolling start dates so that, if desired, students can begin new courses much sooner than the traditional model of waiting for the next semester to begin.

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+, Microsoft Excel, Microsoft Access 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

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<b>Core Requirements</b>	<b>Credit Hours</b>	<b>42</b>
CGS1060C	Computer & Internet Literacy	<b>or</b>
CGS2100C	Computer Applications	3
CGS1510C	Electronic Spreadsheets	3
CGS1540C	Database Management	3
CGS1557C	Internet Site Design	3
CIS1000C	Introduction to Computer Science**	3
COP1334C	Introduction to C++	3
CTS1133C	A+ Essentials	3
CTS2131C	A+ Practical	3
CET2486C	Networking Technology	3
CET2742C	Advanced Networking Technology	3
CTS2383C	Managing a Server Network	3
CTS1106C	UNIX*	3
CTS2120C	Security+	3
CIS1513C	Project Management	3
 <b>Total Program Credit Hours</b>		 <b>60</b>

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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.

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*\*The student may need to take MAT1033 based on placement score. If the student does not need to take MAT1033 then the student will take CTS1106C.*

*\*\*The computer literacy requirement will be met through completion of CIS1000C.*

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