**COMPUTER INFORMATION TECHNOLOGY, ASSOCIATE OF SCIENCE - INFORMATION TECHNOLOGY**

**Program Code:** 2149B  
**Career Pathway:** Science, Technology, Engineering, and Math

**Location(s):** Courses for this program are offered at all BC locations. ([https://www.broward.edu/about/locations/](https://www.broward.edu/about/locations/)) Program specific courses may vary by Campus. Please consult the course schedule semester for locations.  
**Program Entrance Requirements:** HS Diploma or GED

**Program Description**

The Computer Information Technology - 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.

- a. Information Technology Support Specialist, Technical Certificate 6337  
- b. Information Technology Analyst, Technical Certificate 6338  
- c. Computer Information Technology, Associate of Science - Information Technology 2149B  
- d. Applied Bachelor of Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<td>or POS2041</td>
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**Total Credits**  
60 18 27

¹ MGF1106 FOUNDATIONS OF MATHEMATICAL REASONING can be used as a pre-requisite for STA2023 STATISTICS if needed.  
² Students may take OST1103C BASIC KEYBOARDING, SLS1501 COLLEGE SUCCESS SKILLS, OST1330 BUSINESS ENGLISH, GEB2430 BUSINESS ETHICS, OST2053 SUCCESSFUL JOB SEARCH or any course with the following prefix: CTS, COP, CIS, CTE, or ISM.

**Notes:**

See General Education course information here ([https://catalog.broward.edu/programs-study/aa-general-education-graduation-requirements/](https://catalog.broward.edu/programs-study/aa-general-education-graduation-requirements/)).

Students must satisfy the Digital Literacy requirement by testing out, completing a Credit for Prior Learning portfolio, or passing CGS1060C COMPUTER AND INTERNET LITERACY.
In accordance with Florida Statute and Florida Administrative Code, students may need to satisfy the Civic Literacy Graduation Requirement. Visit the Civic Literacy Graduation Requirement page at broward.edu/civic-literacy (https://students.broward.edu/resources/civic-literacy/).

Students are strongly encouraged to meet with an advisor (https://students.broward.edu/resources/advising/) to create a personalized educational plan.

**Program Highlights**

**Credit for Prior Learning**
Accelerate your path to completion with these options:

- Credit by exam
- Prior Learning Assessment
- Earned industry certifications
- And much more...

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

- CompTIA A+
- CIW Data Analyst
- CompTIA Network+
- CompTIA Project+
- CIW Database Design
- Microsoft MCSA BI Reporting

**Get an Internship**
Completion of the degree requires PSC4912 INDEPENDENT RESEARCH IN THE PHYSICAL SCIENCES or PSC4948 SENIOR INTERNSHIP for Physical Science concentration. After completing your first year of coursework make sure to visit Career Services (https://broward.edu/career/) for internship opportunities and helpful tools like virtual job shadow, to help take your career to the next level!

- Get an Internship (http://broward.edu/studentresources/career/Pages/Find-a-job-or-internship.aspx)
- Virtual Job Shadow Tool (http://www.broward.edu/studentresources/career/Pages/default.aspx)

**Median Wage and Job Growth Outlook**
Broward College has Career Coach (https://www.broward.edu/careercoach/)! It is 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.

**Fund Your Education**
This Program is Financial Aid (https://www.broward.edu/admissions/financial-aid/) eligible. Scholarships (https://www.broward.edu/admissions/financial-aid/scholarships/) may be available. This program is part of the Career Source Broward ITA List (https://careersourcebroward.com/).

**Program Learning Outcomes**
Graduates from this program will:

- Configure IPv4 and IPv6 addressing, including but not limited to: configuring IP options, subnetting, supernetwork, alternative configuration.
- Demonstrate the ability to read a routing table.
- Summarize the properties of a project and classify project roles and responsibilities.
- Implement the 3 phases of database design; conceptual, logical, and physical to design & query a relational database.
- Demonstrate the ability to create partitions and filesystems.