



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/>) 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.

1. Information Technology Support Specialist, Technical Certificate 6337
2. Information Technology Analyst, Technical Certificate 6338
3. Computer Information Technology, Associate of Science - Information Technology 2149B
4. Applied Bachelor of Science

Course	Title	Credits	6338	6337
Course CGS1060C	Title COMPUTER AND INTERNET LITERACY	Credits 3	6338 X	6337 X
Course CTS1133C	Title A+ COMPREHENSIVE	Credits 4	6338 X	6337 X
Course ENC1101	Title COMPOSITION I	Credits 3	6338	6337
Course CTS1134C	Title NETWORK+	Credits 4	6338 X	6337
Course COP1700C	Title INTRODUCTION TO DATABASE AND MYSQL	Credits 3	6338	6337
Course CIS1513C	Title PROJECT MANAGEMENT	Credits 4	6338 X	6337
Course COP1000C	Title INTRODUCTION TO COMPUTER PROGRAMMING	Credits 3	6338 X	6337
Course GE Course	Title General Education Speech	Credits 3	6338	6337
Course CTS1111C	Title LINUX +	Credits 4	6338	6337
Course GE Course	Title General Education Mathematics Core ¹	Credits 3	6338	6337
Course CTS2375C	Title CLOUD+	Credits 3	6338	6337
Course CTS2120C	Title SECURITY+	Credits 4	6338	6337
Course CTS2376C	Title MICROSOFT 365 ADMINISTRATOR	Credits 3	6338	6337
Course CTS2126C	Title PENTEST+	Credits 4	6338	6337
Course GE Course	Title General Education Natural Science Core	Credits 3	6338	6337
Course AMH2010 or AMH2020 or POS2041	Title HISTORY OF THE UNITED STATES TO 1877 or HISTORY OF THE UNITED STATES SINCE 1877 or NATIONAL GOVERNMENT	Credits 3	6338	6337
Course Math or Internship or IT Elective 2	Title 3	Credits 0	6338 X	6337 X

Course GE Course	Title General Education Humanities Core	Credits 3	6338	6337
Total Credits		60	6338 27	6337 18

¹ If a student places into MAC1105C COREQUISITE COLLEGE ALGEBRA instead of MAC1105, please note MAC1105C is a 5-credit course. Students who register for MAC1105C must see an advisor to discuss their academic plan.

² Students may take OST1103C (<https://catalog.broward.edu/search/?P=OST1103C>) BASIC KEYBOARDING, SLS1501 (<https://catalog.broward.edu/search/?P=SLS1501>) COLLEGE SUCCESS SKILLS, OST1330 (<https://catalog.broward.edu/search/?P=OST1330>) BUSINESS ENGLISH, GEB2430 (<https://catalog.broward.edu/search/?P=GEB2430>) BUSINESS ETHICS, OST2053 (<https://catalog.broward.edu/search/?P=OST2053>) SUCCESSFUL JOB SEARCH or any course with the following prefix: CTS, COP, CIS, CET, or ISM.

Notes:

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

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+
- CompTIA Network+
- CompTIA Project+
- CIW Database Design
- CompTIA PenTest+
- CompTIA Cloud+
- CompTIA Linux+
- Microsoft 365 Administrator

Get an Internship

After completing your first year of coursework make sure to visit Employment Solutions (<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:

- Students will be able to use the appropriate tools to organize, manipulate, visualize and report data.
- Students will be able to implement the 3 phases of database design; conceptual, logical, and physical to design & query a relational database.
- Students will be able to create partitions and filesystems.
- Graduates will be able to configure IPv4 and IPv6 addressing. May include but is not limited to: configuring IP options, subnetting, supernetting, alternative configuration.
- Graduates will be able to read a routing table.
- Graduates will summarize the properties of a project and classify project roles and responsibilities.
-