



# COMPUTER INFORMATION TECHNOLOGY, ASSOCIATE OF SCIENCE - ENTREPRENEURSHIP

**Program Code:** 2149F

**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/>) This program is also offered fully online.

**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. Computer Information Technology, Associate of Science - Entrepreneurship 2149F
- c. Applied Bachelor of Science

Course	Title	Credits	6337
CGS1060C	COMPUTER AND INTERNET LITERACY	3.00	X
CIS1513C	PROJECT MANAGEMENT	4.00	
ENC1101	COMPOSITION I	3.00	
CTS1133C	A+ COMPREHENSIVE	4.00	X
CGS1510C	EXCEL DATA ANALYSIS	3.00	
CTS1134C	NETWORK+	4.00	
COP1000C	INTRODUCTION TO COMPUTER PROGRAMMING	3.00	
GE Course	General Education Mathematics Core <sup>1</sup>	3.00	
APA1111C or ACG2001	INTRODUCTION TO ACCOUNTING PRINCIPLES OF ACCOUNTING I	3.00	
COP1700C	INTRODUCTION TO DATABASE AND MYSQL	3.00	
GEB1011	INTRODUCTION TO BUSINESS	3.00	
CAP2788C	DATA+	3.00	
MAR2644C	DATA BASED MARKETING	3.00	
GE Course	General Education Natural Science Core		
GEB2112	ENTREPRENEURSHIP	3.00	
GE Course	General Education Speech	3.00	
AMH2020 or POS2041	HISTORY OF THE UNITED STATES SINCE 1877 NATIONAL GOVERNMENT	3.00	
GE Course	General Education Humanities Core	3.00	
Math or Internship or IT Elective <sup>2</sup>		3.00	
CIS2910C	IT ENTREPRENEURSHIP CAPSTONE	3.00	
<b>Total Credits</b>		<b>60</b>	<b>18</b>

<sup>1</sup> MGF1106 FOUNDATIONS OF MATHEMATICAL REASONING can be used as a pre-requirement for STA2023 STATISTICS if needed.

<sup>2</sup> 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, CET, or ISM.

## Notes:

See General Education course information here (<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](http://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 Data+
- CompTIA Project+
- CompTIA Network+
- CIW Database Design

### Get an Internship

Completion of the degree requires CIS2910C Internship IT Capstone. 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 (<http://careersourcebroward.com/>).

## Program Learning Outcomes

Graduates from this program will:

- Configure IPv4 and IPv6 addressing, including but not limited to: configuring IP options, subnetting, supernetting, 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.