

## Associate of Science in Computer and Network Security Program Code 2506

**Program Description:** The Computer and Network Security Associate in Science degree prepares students for employment opportunities as security professionals. It is designed for students seeking the skills set needed to be successful in their careers as Certified Security Professionals.

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

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

**Additional Program Information:** Students who already hold the following industry certifications may be eligible to receive credit through prior learning assessment. Students are strongly encourage to see an advisor for more information.

- Cisco Certified Network Associate (CCNA)
- Cisco Certified Network Associate Security (CCNA Security)
- CompTIA Security+
- CompTIA A+
- CompTIA Network+

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 will be eligible to sit for the following industry certifications/licenses:

- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- Cisco CCNA
- EC-Council Certified Ethical Hacker

**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, the North Campus, and online. Please consult the course schedule for specific semester locations.

**Contact information:** Program contact information can be found at <http://www.broward.edu/academics/programs/computer/Pages/default.aspx>

**Related Programs at Broward College:**  
Cybersecurity Technical Certificate (6341)

---

<b>General Education Credit Hours</b>	<b>18</b>
ENC1101      Composition I	3
MAC1105      College Algebra	3
SPC1024      Introduction to Speech Communications	or
SPC1608      Introduction to Public Speaking	3
Humanities	3
Social/Behavioral Science	3
Biological/Physical Science	3

**Associate of Science in Computer and Network Security  
Program Code 2506**

<b>Core Requirement Credit Hours</b>		<b>21</b>
CTS1133C	A+ Essentials	3
CTS2131C	A+ Practical	3
CET2486C	Networking Technology	3
CGS1540C	Database Management	3
CGS1557C	Internet Site Design	3
CIS1513C	Project Management	3
Computer Science Elective*		3
 <b>Cybersecurity Specialization Credit Hours</b>		 <b>24</b>
CET2742C	Advanced Networking Technology**	3
CTS2120C	Security+	3
CTS2383C	Managing a Server Network OS	3
CTS2651C	Router Technology	3
CTS2652C	Advanced Router Technology	3
CTS2314C	Network Defense and Countermeasures	3
CIS2352C	Ethical Hacking I	3
CIS2359C	Ethical Hacking II: Capstone	3
 <b>Total Program Credit Hours</b>		 <b>63</b>

---

**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.

\*Student may have to take MAT1033 based on placement score. Student may need to take CGS1060C if they are unable to successfully pass the computer competency test. If the student does not need to take MAT1033 or CGS1060C, the student must take a Computer Science elective - any 1000 or 2000-level course with a CIS, COP, CET, CGS, or CTS prefix

\*\*Students transferring in CTS1134C, may take a Computer Science Elective (see above) in place of CET2742C.

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