



## Associate of Science in Network Systems Technology – 2503A Network Administration

**Career Pathway:** [Science, Technology, Engineering, and Math \(STEM\)](#)

**Location(s):** [Courses for this program are offered at all BC locations.](#)

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

**Program Description:** The Network Systems Technology – Network Administration Associate in Science degree, offered at the A. Hugh Adams Central Campus, prepares students for employment opportunities as network administrators. It is designed for students seeking the skills set needed to be successful in their careers as Microsoft Network Administrators or Cisco Certified Networking Professionals. Visit the program’s [website](#) for more information.

### Build Your Education



Part Time	Course ID	Description	Credits	TC1	TC2	TC3
Term 1	ISM1000C	STEM IT Skills and Competencies	3			
	COP1000C	Introduction to Programming	3	x		
Term 2	ENC1101	Composition I	3			
	CTS1133C	A+ Comprehensive	4	x	x	x
Term 3	CTS1134C	Network+	4	x		x
	Math	General Education Mathematics*	3			
Term 4	CTS1661C	Cisco CCNA1	4		X	
	CTS2662C	Cisco CCNA2	4		X	
Term 5	CIS1513C	Project Management and Project+	4	x		x
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3			
Term 6	CTS2663C	Cisco CCNA3	4		X	
Term 7	CTS1390C	Installation, Storage, & Compute with Windows Server	3			x
	EVR1001	Environmental Science (Recommended)	3			
Term 8	CTS2391C	Networking with Windows Server	3			x
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3			
Term 9	CTS2389C	Identity with Windows Server	3			x
	Elective	Math, Internship or IT Elective #	3	E		E
Term 10	ISM3013C	Information Systems Management	3			
<b>Total Program Credit Hours</b>			<b>60</b>	<b>18</b>	<b>16</b>	<b>24</b>

Notes: Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before completing specialization courses. \*MAC1105C is a 5-credit course. # - Any course with a computing prefix. E – Identifies an elective course for the certificate, any IT course can be used to fulfill this requirement.

**These are only recommended course sequences.**

**Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan.**



## Associate of Science in Network Systems Technology – 2503B

### Network Security / Cybersecurity

**Career Pathway:** [Science, Technology, Engineering, and Math \(STEM\)](#)

**Location(s):** [Courses for this program are offered at all BC locations.](#)

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

**Program Description:** The Network Systems Technology – Network Security / Cybersecurity Associate in Science degree, offered at the A. Hugh Adams Central Campus, prepares students for employment opportunities as Information Security Analysts. It is designed for students seeking the skills set needed to be successful in their careers as Computer and Information Systems Managers, Computer Network Architects, and Computer Systems Analysts. Visit the program's [website](#) for more information.

### Build Your Education



Part Time	Course ID	Description	Credits	TC1	TC2	TC3
Term 1	ISM1000C	STEM IT Skills and Competencies	3			
	COP1000C	Introduction to Programming	3	x	x	
Term 2	ENC1101	Composition I	3			
	CTS1133C	A+ Comprehensive	4	x	x	x
Term 3	CTS1134C	Network+	4	x	x	x
	Math	General Education Mathematics*	3			
Term 4	CIS1513C	Project Management and Project+	4	x	x	x
	CTS1111C	Linux+	4			x
Term 5	COP1700C	Introduction to Database Design & MySQL	3	E	x	E
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3			
Term 6	CTS2120C	Security+	4			x
	CTS2375C	Cloud+	3		x	
Term 7	CET2688C	System Security Practitioner (SSCP)	4			x
	EVR1001	Environmental Science (Recommended)	3			
Term 8	CIS3361C	Cybersecurity Analyst - CySA+	3		E	x
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3			
Term 9	Elective	Math, Internship or IT Elective #	3			
	ISM3013C	Information Systems Management	3		x	
Total Program Credit Hours			60	18	27	30

Notes: Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before completing specialization courses. \*MAC1105C is a 5-credit course. # - Any course with a computing prefix. E – Identifies an elective course for the certificate, any IT course can be used to fulfill this requirement.

**These are only recommended course sequences.**

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## Associate of Science in Network Systems Technology – 2503C Cloud Architecting

**Career Pathway:** [Science, Technology, Engineering, and Math \(STEM\)](#)

**Location(s):** [Courses for this program are offered at all BC locations.](#)

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

**Program Description:** The Network Systems Technology – Cloud Architecting Associate in Science degree, offered at the A. Hugh Adams Central Campus, prepares students for employment opportunities as Information Security Analysts. It is designed for students seeking the skills set needed to be successful in their careers as Computer and Information Systems Managers, Computer Network Architects, and Computer Systems Analysts. Visit the program's [website](#) for more information.

### Build Your Education



Part Time	Course ID	Description	Credits	TC1	TC2	TC3
Term 1	ISM1000C	STEM IT Skills and Competencies	3			
	COP1000C	Introduction to Programming	3	x	x	
Term 2	ENC1101	Composition I	3			
	CTS1133C	A+ Comprehensive	4	x	x	x
Term 3	CTS1134C	Network+	4	x	x	x
	Math	General Education Mathematics*	3			
Term 4	CIS1513C	Project Management and Project+	4	x	x	x
	CTS1111C	Linux+	4			x
Term 5	COP1700C	Introduction to Database Design & MySQL	3	E	x	E
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3			
Term 6	CTS1146C	Cloud Computing Practitioner	4			x
	CTS2375C	Cloud+	3		x	
Term 7	CTS2380C	Cloud Architecting I	3			x
	EVR1001	Environmental Science (Recommended)	3			
Term 8	CTS2881C	Cloud Architecting II	4		E	x
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3			
Term 9	Elective	Math, Internship or IT Elective #	3			
	ISM3013C	Information Systems Management	3		x	
<b>Total Program Credit Hours</b>			<b>60</b>	<b>18</b>	<b>27</b>	<b>30</b>

Notes: Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before completing specialization courses. \*MAC1105C is a 5-credit course. # - Any course with a computing prefix. E – Identifies an elective course for the certificate, any IT course can be used to fulfill this requirement.

**These are only recommended course sequences.**

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## Program Highlights

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

- Credit by exam
  - Earned Industry certifications
  - Prior Learning Assessment
  - And much more...
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**Related Industry Certifications:** Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- CompTIA A+
  - Network+
  - Security+
  - CCNA Routing and Switching
  - AWS Cloud Practitioner
  - AWS Cloud Solutions Architect
  - Project+
  - MCSA
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**Get Career Ready:** After completing your first year of coursework make sure to visit the **Career Center** for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

[Get an Internship](#)

[Virtual Job Shadow Tool](#)

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**Median Wage and Job Growth Outlook:** Broward College has [Career Coach](#) & the [Career Ladders](#). These tools are 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. Learn how to climb your career ladder

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**Fund Your Education:**

This Program is [Financial Aid](#) eligible. [Scholarships](#) may be available. This program is part of the [Career Source Broward ITA List](#)

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