



## Bachelor of Applied Science in Information Technology Program Code T300 (AA to BAS)

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

**Location(s):** [Courses for this program are offered at all BC locations.](#) Program specialization courses are offered at the Central Campus, North Campus and Online Campus. Please consult the course schedule for specific semester locations.

**Program Entrance Requirements:** Minimum AA, AS or AAS degree or 60 completed semester credit hours (from a Regionally Accredited Institution) and 2.0 out of 4.0 GPA in all previous post-secondary work. Students with an Associate in Arts degree or 60 credit hours but not holding a degree may be admitted to the program if the AS General Education requirements have been satisfied and other criteria are met upon the recommendation of the Associate Dean or Dean.

Applicants are also required to have earned a minimum of 15 lower-level CS/IT credits from the following courses: CIS1001C, CTS1133C, CTS2131C, CTS1134C or CET1600C, and CIS1513C. Students without these pre-requisites are encouraged to complete them by enrolling in the Information Technology Support Specialist Technical Certificate (Program Code 6337). Students with alternate but related coursework may have the pre-requisites satisfied upon the recommendation of the Associate Dean or Dean.

**Program Description:** The Bachelor of Applied Science Degree in Information Technology provides individuals who hold an Associate in Science (AS) or Associate in Applied Science (AAS) degrees the opportunity to further their education. Students completing this program will have the skills and knowledge required to become successful Information Technology professionals and leaders. The curriculum offers a learner-centered and practical approach to understanding and applying Computer Information Technology. Visit the program's [website](#) for more information.

**Additional Program Information:** This program is available to students in a face-to-face format, online format, and a highly accelerated online competency-based format. Some classes may also be available in a blended/hybrid format. Students can complete their courses using one modality (face-to-face, online, competency-based) or a combination of modalities—hybrid format.

Students possessing prior real-world experience and/or industry certification(s) may be eligible to accelerate completion through Prior Learning Assessments (PLA), and articulated certification transfer.

**Special Admissions Requirement for BAS Program:** A supplemental application is required for this program will need to be completed and can be found [here](#)

**Related Industry Certifications:** During and/or upon completing this program, students may be eligible to sit for industry certifications/licenses.




**Foreign Language Requirement:** Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog.

**Contact information:** Program contact information can be found at [www.broward.edu/academics/programs/Pages/science-technology-math-engineering-STEM.aspx](http://www.broward.edu/academics/programs/Pages/science-technology-math-engineering-STEM.aspx)

## Build Your Education



### BAS in IT with Cloud and Virtualization Specialization (Course Sequence)

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1	ATC2
Term 1	Term 1	CIS1001C*	Fundamentals of IT (Recommend Elective/Pre-req)#	3	x		
		CTS1133C*	A+ Essentials (Recommended Elective/Pre-req)#	3	x		
	Term 2	CTS2131C*	A+ Practical (Recommended Elective/Pre-req)#	3	x		
		CIS1513C*	Project Management (Rec. Elective/Pre-req)#	3	x	x	
Term 2	Term 3	CTS2148C*	Project+ (Recommended Elective)#	3	x		
		CTS1134C*	Network+ (Recommended Elective/Pre-req)#	3		x	x
	Term 4	ISM3013C	Information Systems Management	3		x	
		CNT3504C	Networking	3		x	x
Term 3	Term 5	CTS1145C*	Cloud Essentials and Storage+	3			x
		ISM3212C	Database Management	3		x	
	Term 6	ISM3054C	Web Systems and Technologies	3		x	
		ISM3314C	Applied Project Management	3			
Term 4	Term 7	CTS2120C*	Security+	3			x
		CTS2375C*	Cloud+	3			x
	Term 8	CNT3014C	Enterprise Systems Integration	3			x
		CTS3103C	Virtualization Concepts and Implementation	3			x
Term 5	Term 9	CIS3347C	Information Storage and Management	3			x
		CTS4379C	Advanced Cloud Infrastructure and Services	3			x
	Term 10	CNT4422C	Cloud Security (CCSP)	3			
		CIS4596	IT Capstone Project	3			
<b>Total Program Credit Hours</b>				<b>60</b>	<b>18</b>	<b>21</b>	<b>30</b>

**Notes:** Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before enrolling in Specialization courses.

\*AA/AS students who have completed these lower-level courses as part of their initial 60 credits, may take any non- required program course(s) as electives

# AA Students should be able to complete program pre-requisites and the Information Technology Support Specialist Technical Certificate – 6337 as part of the 60 credits required for the BAS degree.

**General Education and Lower Division Elective Courses will vary based on a student's transfer courses.**

**General Education Courses will vary based on a student's transcript. Total General Education credits must total 36.**

This is only a recommended course sequence. Students are strongly encouraged to meet with a BAS [advisor](#) to create a personalized educational plan.

**CHOOSE YOUR COURSES**

## Build Your Education



### BAS in IT with Cybersecurity Specialization

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1	ATC2
Term 1	Term 1	CIS1001C*	Fundamentals of IT (Recommend Elective/Pre-req)#	3	X		X
		CTS1133C*	A+ Essentials (Recommended Elective/Pre-req)#	3	X		
	Term 2	CTS2131C*	A+ Practical (Recommended Elective/Pre-req)#	3	X		
		CIS1513C*	Project Management (Rec. Elective/Pre-req)#	3	X	X	
Term 2	Term 3	CTS2148C*	Project+ (Recommended Elective)#	3	X		
		CTS1134C*	Network+ (Recommended Elective/Pre-req)#	3	TC	X	X
	Term 4	ISM3013C	Information Systems Management	3		X	
		CNT3504C	Networking	3		X	X
Term 3	Term 5	CTS2120C*	Security+	3			X
		ISM3212C	Database Management	3		X	
	Term 6	ISM3054C	Web Systems and Technologies	3		X	
		ISM3314C	Applied Project Management	3		ATC1	
Term 4	Term 7	CTS1145C*	Cloud Essentials and Storage+	3			X
		CET2688C*	System Security Practitioner (SSCP)	3			X
	Term 8	CNT3014C	Enterprise Systems Integration	3			X
		CTS3103C	Virtualization Concepts and Implementation	3			X
Term 5	Term 9	CTS3128C	CISSP	3			X
		ISM4480C	Secure Electronic Commerce	3			X
	Term 10	CNT4422C	Cloud Security (CCSP)	3			ATC2
		CIS4596	Cybersecurity Capstone or	3			
Total Program Credit Hours				60	18	21	33

**Notes:** Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before enrolling in Specialization courses.

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# AA Students should be able to complete program pre-requisites and the Information Technology Support Specialist Technical Certificate – 6337 as part of the 60 credits required for the BAS degree.

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**General Education Courses will vary based on a student's transcript. Total General Education credits must total 36.**

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## Build Your Education



### BAS in IT with Network Administration – MCSE Specialization

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1	ATC2
Term 1	Term 1	CIS1001C*	Fundamentals of IT (Recommend Elective/Pre-req)#	3	X		
		CTS1133C*	A+ Essentials (Recommended Elective/Pre-req)#	3	X		
	Term 2	CTS2131C*	A+ Practical (Recommended Elective/Pre-req)#	3	X		
		CIS1513C*	Project Management (Rec. Elective/Pre-req)#	3	X	X	
Term 2	Term 3	CTS2148C*	Project+ (Recommended Elective)#	3	X		
		CTS1134C*	Network+ (Recommended Elective/Pre-req)#	3	TC	X	X
	Term 4	ISM3013C	Information Systems Management	3		X	
		CTS1390C*	Installing & Configuring Windows Server	3			X
Term 3	Term 5	CNT3504C	Networking	3		X	X
		ISM3212C	Database Management	3		X	
	Term 6	ISM3054C	Web Systems and Technologies	3		X	
		ISM3314C	Applied Project Management	3		ATC1	
Term 4	Term 7	CTS1391C*	Administering Windows Server	3			X
		CTS1392C*	Configuring Adv. Windows Server Services	3			X
	Term 8	CTS3363C	System Center Configuration Manager	3			X
		CTS3393C	Designing & Implementing Server Infrastructure	3			X
Term 5	Term 9	CTS3350C	Implementing Adv. Server Infrastructure	3			X
		CTS4340C	Implementing a Desktop Infrastructure	3			X
	Term 10	CTS4324C	Implementing Desktop App Environments	3			X
		CTS4338C	Microsoft Exchange Server	3			ATC2
Total Program Credit Hours				60	18	21	33

**Notes:** Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before enrolling in Specialization courses.

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# AA Students should be able to complete program pre-requisites and the Information Technology Support Specialist Technical Certificate – 6337 as part of the 60 credits required for the BAS degree.

**General Education and Lower Division Elective Courses will vary based on a student's transfer courses.**

**General Education Courses will vary based on a student's transcript. Total General Education credits must total 36.**

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CHOOSE YOUR COURSES

## Build Your Education



### BAS in IT with Network Administration – CCNP Specialization

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1	ATC2
Term 1	Term 1	CIS1001C*	Fundamentals of IT (Recommend Elective/Pre-req)#	3	X		
		CTS1133C*	A+ Essentials (Recommended Elective/Pre-req)#	3	X		
	Term 2	CTS2131C*	A+ Practical (Recommended Elective/Pre-req)#	3	X		
		CTS1134C*	Network+ (Recommended Elective/Pre-req)#	3	X	X	
Term 2	Term 3	CIS1513C*	Project Management (Rec. Elective/Pre-req)#	3	X	X	
		CET1600C*	Cisco Networking I (Recommended Elective)#	3	TC		X
	Term 4	Term 4	CET1610C*	Cisco Networking II	3		
ISM3013C			Information Systems Management	3		X	
Term 3	Term 5	CNT3504C	Networking	3		X	X
		ISM3212C	Database Management	3		X	
	Term 6	ISM3054C	Web Systems and Technologies	3		X	
		ISM3314C	Applied Project Management	3		ATC1	
Term 4	Term 7	CET1615C*	Cisco Networking III	3			X
		CET1620C*	Cisco Networking IV	3			X
	Term 8	CET3660C	Cisco CCNA Security	3			X
		CTS3626C	CCNP Routing	3			X
Term 5	Term 9	CTS4627C	CCNP Switching	3			X
		CTS3103C	Virtualization Concepts and Implementation	3			X
	Term 10	CTS4663C	CCNP Troubleshooting	3			ATC2
		CIS4596	IT Capstone	3			
<b>Total Program Credit Hours</b>				<b>60</b>	<b>18</b>	<b>21</b>	<b>30</b>

**Notes:** Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before enrolling in Specialization courses.

\*AA/AS students who have completed these lower-level courses as part of their initial 60 credits, may take any non- required program course(s) as electives

# AA Students should be able to complete program pre-requisites and the Information Technology Support Specialist Technical Certificate – 6337 as part of the 60 credits required for the BAS degree.

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**CHOOSE YOUR COURSES**

## Build Your Education



### BAS in IT with Project Management Specialization

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1
Term 1	Term 1	CIS1001C*	Fundamentals of IT (Recommend Elective/Pre-req)#	3	X	
		CTS1133C*	A+ Essentials (Recommended Elective/Pre-req)#	3	X	
	Term 2	CTS2131C*	A+ Practical (Recommended Elective/Pre-req)#	3	X	
		CIS1513C*	Project Management (Rec. Elective/Pre-req)#	3	X	X
Term 2	Term 3	CTS2148C*	Project+ (Recommended Elective)#	3	X	
		CTS1134C*	Network+ (Recommended Elective/Pre-req)#	3	TC	X
	Term 4	ISM3013C	Information Systems Management	3		X
		CNT3504C	Networking	3		X
Term 3	Term 5	ACG2001*	Principles of Accounting I	3		
		ISM3212C	Database Management	3		X
	Term 6	ISM3054C	Web Systems and Technologies	3		X
		ISM3314C	Applied Project Management	3		ATC1
Term 4	Term 7	ACG2011*	Principles of Accounting II	3		
		MAN3240	Organizational Behavior and Leadership	3		
	Term 8	FIN3400	Principles of Financial Management	3		
		MAN3310	Human Resource Management	3		
Term 5	Term 9	CIS4518C	PM Quality, Acquisitions and Risk	3		
		BUL3130	Business Law and Ethics	3		
	Term 10	ISM4318C	Agile Project Management	3		
		CIS4596	IT Capstone	3		
Total Program Credit Hours				60	18	21

**Notes:** Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before enrolling in Specialization courses.

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CHOOSE YOUR COURSES

## Build Your Education



### BAS in IT with Web Coding and Development Specialization

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1
Term 1	Term 1	CIS1001C*	Fundamentals of IT (Recommend Elective/Pre-req)#	3	X	
		CTS1133C*	A+ Essentials (Recommended Elective/Pre-req)#	3	X	
	Term 2	CTS2131C*	A+ Practical (Recommended Elective/Pre-req)#	3	X	
		CIS1513C*	Project Management (Rec. Elective/Pre-req)#	3	X	X
Term 2	Term 3	CTS1134C*	Network+ (Recommended Elective/Pre-req)#	3	X	X
		COP1000C or COP1210C*	Introduction to Computer Programming or Programming I	3		
	Term 4	ISM3013C	Information Systems Management	3		X
		CNT3504C	Networking	3		X
Term 3	Term 5	CTS1851C*	Web Authoring I	3		X
		ISM3212C	Database Management	3		X
	Term 6	ISM3054C	Web Systems and Technologies	3		X
		ISM3314C	Applied Project Management	3		
Term 4	Term 7	CTS1806C*	Web Authoring II	3		
		CTS2852C*	Client-Side Scripting	3		
	Term 8	COP3125C	Web Development I	3		
		COP3265C	Web Development II	3		
Term 5	Term 9	COP4370C	Web Development III	3		
		COP4450C	Web Development IV	3		
	Term 10	COP4850C	Web Development Capstone	3		
		COP4940	Web Dev. Internship (Recommended Elective)	3		
Total Program Credit Hours				60	18	21

**Notes:** Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before enrolling in Specialization courses.

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**CHOOSE YOUR COURSES**

## 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...
- 



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

- Cloud+
  - Security+
  - Network+
  - CCSP
  - SSCP
  - CISSP
  - MCSE
  - CCNP
- 



**Get an Internship:** 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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Get Started Today!

START APPLICATION

