Bachelor of Applied Science in Information Technology
Program Code T300A   Microsoft MCSE Systems Administration

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

Location(s): Courses for this program are not offered at all BC locations. Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

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

Program Description: The Bachelor of Applied Science Degree in Information Technology - Microsoft MCSE Systems Administration provides individuals who hold an Associate degree 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.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found here.

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

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Pre-requisites: Once admitted, students must complete 15 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits
CTS1133C	A+ Comprehensive	4
CTS1134C	Network+	4
CIS1513C	Project Management and Project+	4
ISM3013C	Information Systems Management	3

*This is only a recommended course sequence. Students are strongly encouraged to meet with an advisor each term before selecting classes to create a personalized educational plan.

*As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

Take 1 Biological Science, 1 Physical Science, 1 Laboratory, and 1 Wellness course to complete graduation requirements. At least one Biological or Physical Science course must be from the Core list; both courses can be from the Core List.

Build Your Education

Recommended Course Sequence in
Microsoft MCSE Specialization for A.S. Graduates

Part Time	Course ID	Description	Credits
Term 1	ISM3212C	Database Management	3
	ENC1102	English Composition II (Recommended)	3
Term 2	ISM3054C	Web Systems and Technologies	3
	SPC1024 or	Introduction to Speech Communication or	
	SPC1608	Public Speaking	3
Term 3	CIS3361C*	Cybersecurity Analyst - CySA+	3
	ISM3314C*	Applied Project Management	3
Term 4	CTS1111C	Linux+	4
	OCE1001	Oceanography (Recommended)	3
	OCE1001L	Oceanography Lab (Recommended)	1
Term 5	CTS1390C	Installation, Storage, & Compute with Windows	3
	HLP1081	Total Wellness (Recommended)	2
Term 6	CTS2391C	Networking with Windows Server	3
	CTS2389C	Identity with Windows Server	3
Term 7	CTS3357C	Designing & Imp. Server Infrastructure	3
	CTS3350C	Implementing Adv. Server Infrastructure	3
Term8	CTS4338C	Designing & Deploying Exchange Server	4
	THE2000 or	Theatre Appreciation or	
	ARH2000	Art Appreciation (Recommended)	3
Term 9	CTS4348C	Linux System Administrator	4
	Math	General Education Mathematics	3
Term 10	SYG2000 or	Principles of General Sociology or	
	PSY2012	General Psychology (Recommended)	3

Notes: Courses may 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.

*RECOMMENDED COURSE ELECTIVES AS NEEDED - Students who have completed these courses as part of an AS program, should choose from any of the following Recommended electives to reach 120 credits.
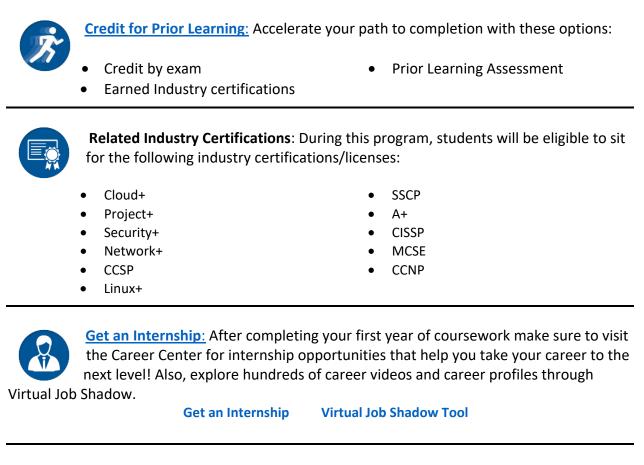
Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Linux System Administrator	3
CNT4422C	Cloud Security (CCSP)	3	ISM4323C	CompTIA Advanced Security Practitioner (CASP)	4
CTS2120C	Security+	4	ISM3545C	Data Analytics Technologies	3
CTS2375C	Cloud+	4	ISM4318C	Agile Project Management	4
CTS3857C	Server-Side Scripting	3	ISM4547C	Data Analytics Management	3
CTS3859C	CIW E-Commerce	4	MGF1107	Survey of Mathematics	3

Build Your Education

Recommended Course Sequence in
Microsoft MCSE Specialization for A.A. Graduates

Part Time	Course ID	Description	Credits
Term 1	CTS1133C	A+ Comprehensive	4
	CTS1134C	Network+	4
Term 2	CIS1513C	Project Management and Project+	4
	ISM3013C	Information Systems Management	3
	ISM3212C	Database Management	3
Term 3	ISM3054C	Web Systems and Technologies	3
	CIS3361C	Cybersecurity Analyst - CySA+	3
Term 4	ISM3314C*	Applied Project Management	3
	CTS2375C	Cloud+	3
Term 5	CTS1111C	Linux+	4
	CTS1390C	Installation, Storage, & Compute with Windows S	3
Term 6	CTS2391C	Networking with Windows Server	3
	CTS2389C	Identity with Windows Server	3
Term 7	CTS3357C	Designing & Imp. Server Infrastructure	3
	CTS3350C	Implementing Adv. Server Infrastructure	3
Term8	CTS4338C	Designing & Deploying Exchange Server	4
	CTS4348C	Linux System Administrator	4
	UL Elective	Internship or IT Elective	3
Total Program Credit Hours			60

Notes: Courses may 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.

Program Highlights

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

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment

Related Industry Certifications: During this program, students will be eligible to sit for the following industry certifications/licenses:

- Cloud+
- Project+
- Security+
- Network+
- CCSP
- Linux+

- SSCP
- A+
- 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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Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available.

Bachelor of Applied Science in Information Technology
Program Code T300B Cisco CCNP Network Administration

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

Location(s): Courses for this program are not offered at all BC locations. Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

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

Program Description: The Bachelor of Applied Science Degree in Information Technology - Cisco CCNP Network Administration provides individuals who hold an Associate degree 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.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found here.

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

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Pre-requisites: Once admitted, students must complete 15 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits
CTS1133C	A+ Comprehensive	4
CTS1134C	Network+	4
CIS1513C	Project Management and Project+	4
ISM3013C	Information Systems Management	3

*This is only a recommended course sequence. Students are strongly encouraged to meet with an advisor each term before selecting classes to create a personalized educational plan.

*As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

Take 1 Biological Science, 1 Physical Science, 1 Laboratory, and 1 Wellness course to complete graduation requirements. At least one Biological or Physical Science course must be from the Core list; both courses can be from the Core List.

Recommended Course Sequence for A.S. Graduates

Part Time	Course ID	Description	Credits
Term 1	ISM3212C	Database Management	3
	ENC1102	English Composition II (Recommended)	3
Term 2	ISM3054C	Web Systems and Technologies	3
	SPC1024 or	Introduction to Speech Communication or	
	SPC1608	Public Speaking	3
Term 3	CIS3361C*	Cybersecurity Analyst - CySA+	3
	ISM3314C*	Applied Project Management	3
Term 4	CTS1661C	Cisco CCNA1	4
	OCE1001	Oceanography (Recommended)	3
	OCE1001L	Oceanography Lab (Recommended)	1
Term 5	CTS2662C	Cisco CCNA2	4
	HLP1081	Total Wellness (Recommended)	2
Term 6	CTS2663C	Cisco CCNA3	4
Term 7	CET3660C	Cisco CCNA Security	3
	CTS3626C	CCNP Routing	3
Term8	CTS4627C	CCNP Switching	3
	THE2000 or	Theatre Appreciation or	
	ARH2000	Art Appreciation (Recommended)	3
Term 9	CTS4663C	CCNP Troubleshooting	3
	Math	General Education Mathematics	3
Term 10	SYG2000 or	Principles of General Sociology or	
	PSY2012	General Psychology (Recommended)	3
	COP4940	Internship	3
Total Program Credit Hours			**60**

Notes: Courses may 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.
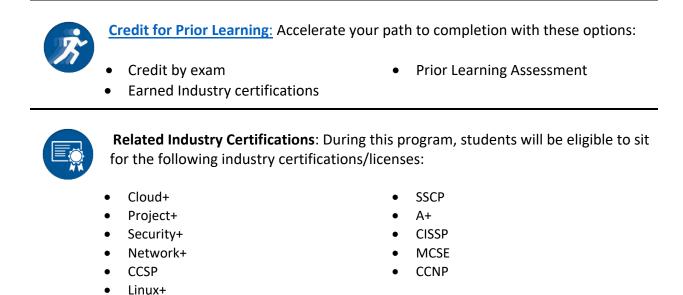
*RECOMMENDED COURSE ELECTIVES AS NEEDED - Students who have completed these courses as part of an AS program, should choose from any of the following Recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Linux System Administrator	3
CNT4422C	Cloud Security (CCSP)	3	ISM4323C	CompTIA Advanced Security Practitioner (CASP)	4
CTS1111C	Linux+	4	ISM3545C	Data Analytics Technologies	3
CTS2120C	Security+	4	ISM4318C	Agile Project Management	4
CTS2375C	Cloud+	3	ISM4547C	Data Analytics Management	3
CTS3857C	Server-Side Scripting	4	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

Build Your Education

Recommended Course Sequence A.A. Graduates

Part Time	Course ID	Description	Credits
Term 1	CTS1133C	A+ Comprehensive	4
	CTS1134C	Network+	4
Term 2	CIS1513C	Project Management and Project+	4
	ISM3013C	Information Systems Management	3
Term 3	ISM3212C	Database Management	3
	ISM3054C	Web Systems and Technologies	3
Term 4	CIS3361C	Cybersecurity Analyst - CySA+	3
	ISM3314C*	Applied Project Management	3
	CTS2375C	Cloud+	3
Term 5	CTS1661C	Cisco CCNA1	4
	CTS2662C*	Cisco CCNA2	4
Term 6	CTS2663C*	Cisco CCNA3	4
Term 7	CET3660C	Cisco CCNA Security	3
	CTS3626C	CCNP Routing	3
Term 8	CTS4627C	CCNP Switching	3
	CTS4663C	CCNP Troubleshooting	3
Term 9	COP4940	Internship	3
	UL Elective	IT Elective	3
Total Program Credit Hours			60

Notes: Courses may 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.

Program Highlights

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

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment

Related Industry Certifications: During this program, students will be eligible to sit for the following industry certifications/licenses:

- Cloud+
- Project+
- Security+
- Network+
- CCSP
- Linux+
- SSCP
- A+
- 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.

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Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available.

Bachelor of Applied Science in Information Technology
Program Code T300C Cybersecurity and Ethical Hacking

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

Location(s): Courses for this program are not offered at all BC locations. Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

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

Program Description: The Bachelor of Applied Science Degree in Information Technology – cybersecurity and ethical Hacking provides individuals who hold an Associate degree 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.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found here.

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

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Pre-requisites: Once admitted, students must complete 15 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits
CTS1133C	A+ Comprehensive	4
CTS1134C	Network+	4
CIS1513C	Project Management and Project+	4
ISM3013C	Information Systems Management	3

*This is only a recommended course sequence. Students are strongly encouraged to meet with an advisor each term before selecting classes to create a personalized educational plan.

*As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

Take 1 Biological Science, 1 Physical Science, 1 Laboratory, and 1 Wellness course to complete graduation requirements. At least one Biological or Physical Science course must be from the Core list; both courses can be from the Core List.

Recommended Course Sequence for A.S. Graduates

Part Time	Course ID	Description	Credits
Term 1	CTS2120C*	Security+	4
	ENC1102	English Composition II (Recommended)	3
Term 2	ISM3054C	Web Systems and Technologies	3
	SPC1024 or	Introduction to Speech Communication or	
	SPC1608	Public Speaking	3
Term 3	CIS3361C*	Cybersecurity Analyst - CySA+	3
	ISM3314C*	Applied Project Management	3
Term 4	CET2688C	System Security Practitioner (SSCP)	4
	HLP1081	Total Wellness (Recommended)	2
Term 5	CTS1111C*	Linux+	4
	OCE1001	Oceanography (Recommended)	3
	OCE1001L	Oceanography Lab (Recommended)	1
Term 6	ISM3212C	Database Management	3
	CTS3128C	CISSP	4
Term 7	Math	General Education Mathematics	3
	THE2000 or	Theatre Appreciation or	
	ARH2000	Art Appreciation (Recommended)	3
Term8	CIS3204C	Foundations of Ethical Hacking	4
	CIS4935C	Certified Ethical Hacker	4
Term 9	UL Elective	Internship or IT Elective	3
	SYG2000 or	Principles of General Sociology or	
	PSY2012	General Psychology (Recommended)	3
Total Program Credit Hours			60

Notes: Courses may 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.

*RECOMMENDED COURSE ELECTIVES AS NEEDED - Students who have completed these courses as part of an AS program, should choose from any of the following Recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Linux System Administrator	3
CNT4422C	Cloud Security (CCSP)	3	ISM4323C	CompTIA Advanced Security Practitioner (CASP)	4
CTS1111C	Linux+	4	ISM3545C	Data Analytics Technologies	3
CTS2120C	Security+	4	ISM4318C	Agile Project Management	4
CTS2375C	Cloud+	3	ISM4547C	Data Analytics Management	3
CTS3857C	Server-Side Scripting	4	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

Build Your Education

Recommended Course Sequence for A.A. Graduates

Part Time	Course ID	Description	Credits
Term 1	CTS1133C	A+ Comprehensive	4
	CTS1134C	Network+	4
Term 2	CIS1513C	Project Management and Project+	4
	ISM3013C	Information Systems Management	3
Term 3	ISM3054C	Web Systems and Technologies	3
	ISM3212C	Database Management	3
Term 4	CTS2120C	Security+	4
	CIS3361C	Cybersecurity Analyst - CySA+	3
Term 5	ISM3314C	Applied Project Management	3
	CTS2375C	Cloud+	3
Term 6	CTS1111C	Linux+	4
	CET2688C	System Security Practitioner (SSCP)	4
Term 7	CTS3128C	CISSP	4
	CIS3204C	Foundations of Ethical Hacking	4
Term8	CIS4935C	Certified Ethical Hacker	4
	CNT4422C	Cloud Security (CCSP)	3
	UL Elective	Internship or IT Elective (ISM4323C - CASP)	3
Total Program Credit Hours			**60**

Notes: Courses may 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.

Program Highlights

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

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment

Related Industry Certifications: During this program, students will be eligible to sit for the following industry certifications/licenses:

- Cloud+
- Project+
- Security+
- Network+
- CCSP
- Linux+

- SSCP
- A+
- 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.

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Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available.

Bachelor of Applied Science in Information Technology
Program Code T300D Web Development

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

Location(s): Courses for this program are not offered at all BC locations. Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

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

Program Description: The Bachelor of Applied Science Degree in Information Technology – web Development provides individuals who hold an Associate degree 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.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found here.

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

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Pre-requisites: Once admitted, students must complete 15 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits
CTS1133C	A+ Comprehensive	4
CTS1134C	Network+	4
CIS1513C	Project Management and Project+	4
ISM3013C	Information Systems Management	3

*This is only a recommended course sequence. Students are strongly encouraged to meet with an advisor each term before selecting classes to create a personalized educational plan.

*As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

Take 1 Biological Science, 1 Physical Science, 1 Laboratory, and 1 Wellness course to complete graduation requirements. At least one Biological or Physical Science course must be from the Core list; both courses can be from the Core List.

Build Your Education

| Associate of Science | IT Support Specialist TC1 6337 | Information Technology ATC1 4283 | Web Development ATC2 4292 | Bachelor of Applied Science T300 |

Recommended Course Sequence for A.S. Graduates

Part Time	Course ID	Description	Credits
Term 1	ISM3212C	Database Management	3
	ENC1102	English Composition II (Recommended)	3
Term 2	ISM3054C	Web Systems and Technologies	3
	SPC1024 or	Introduction to Speech Communication or	
	SPC1608	Public Speaking	3
Term 3	CIS3361C*	Cybersecurity Analyst - CySA+	3
	ISM3314C*	Applied Project Management	3
Term 4	CTS3857C*	Server-Side Scripting	4
	OCE1001	Oceanography (Recommended)	3
	OCE1001L	Oceanography Lab (Recommended)	1
Term 5	CTS3859C	CIW E-Commerce	4
	HLP1081	Total Wellness (Recommended)	2
Term 6	COP4111C	Intermediate Scripting	4
	COP3808C	Web Development I	3
Term 7	COP3809C	Web Development II	3
	COP4370C	Web Development III	3
Term8	COP4450C	Web Development IV	3
	THE2000 or	Theatre Appreciation or	
	ARH2000	Art Appreciation (Recommended)	3
Term 9	Math	General Education Mathematics	3
	COP4850C	Web Development Capstone	3
Term 10	SYG2000 or	Principles of General Sociology or	
	PSY2012	General Psychology (Recommended)	3
Total Program Credit Hours			**60**

Notes: Courses may 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.

*RECOMMENDED COURSE ELECTIVES AS NEEDED - Students who have completed these courses as part of an AS program, should choose from any of the following Recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Linux System Administrator	3
CNT4422C	Cloud Security (CCSP)	3	ISM4323C	CompTIA Advanced Security Practitioner (CASP)	4
CTS1111C	Linux+	4	ISM3545C	Data Analytics Technologies	3
CTS2120C	Security+	4	ISM4318C	Agile Project Management	4
CTS2375C	Cloud+	3	ISM4547C	Data Analytics Management	3
CTS3857C	Server-Side Scripting	4	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

Build Your Education

| Associate of Arts | IT Support Specialist TC1 6337 | Information Technology ATC1 4283 | Web Development ATC2 4292 | Bachelor of Applied Science T300 |

Recommended Course Sequence in
Web Development Specialization for A.A. Graduates

Part Time	Course ID	Description	Credits
Term 1	CTS1133C	A+ Comprehensive	4
	CTS1134C	Network+	4
Term 2	CIS1513C	Project Management and Project+	4
	ISM3013C	Information Systems Management	3
Term 3	COP1700C	Introduction to Database Design & MySQL	3
	ISM3054C	Web Systems and Technologies	3
Term 4	ISM3212C	Database Management	3
	CIS3361C	Cybersecurity Analyst - CySA+	3
	ISM3314C	Applied Project Management	3
Term 5	CTS3859C	CIW E-Commerce	4
	CTS3857C	Server-Side Scripting	4
Term 6	COP4111C	Intermediate Scripting	4
	COP3808C	Web Development I	3
Term 7	COP3809C	Web Development II	3
	COP4370C	Web Development III	3
Term8	COP4450C	Web Development IV	3
	COP4850C	Web Development Capstone	3
Term 9	UL Elective	Internship or IT Elective	3
Total Program Credit Hours			60

Notes: Courses may 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.

Program Highlights

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

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment

Related Industry Certifications: During this program, students will be eligible to sit for the following industry certifications/licenses:

- Cloud+
- Project+
- Security+
- Network+
- CCSP
- Linux+
- SSCP
- A+
- CISSP
- MCSE
- CCNP

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Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available.

Bachelor of Applied Science in Information Technology
Program Code T300E Project Management

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

Location(s): Courses for this program are not offered at all BC locations. Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

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

Program Description: The Bachelor of Applied Science Degree in Information Technology – Project Manegement provides individuals who hold an Associate degree 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.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found here.

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

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Pre-requisites: Once admitted, students must complete 15 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits
CTS1133C	A+ Comprehensive	4
CTS1134C	Network+	4
CIS1513C	Project Management and Project+	4
ISM3013C	Information Systems Management	3

*This is only a recommended course sequence. Students are strongly encouraged to meet with an advisor each term before selecting classes to create a personalized educational plan.

*As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

Take 1 Biological Science, 1 Physical Science, 1 Laboratory, and 1 Wellness course to complete graduation requirements. At least one Biological or Physical Science course must be from the Core list; both courses can be from the Core List.

Build Your Education

Associate of Science ▷ IT Support Specialist TC1 6337 ▷ Information Technology ATC1 4283 ▷ Project Management ATC2 4289 ▷ Bachelor of Applied Science T300

Recommended Course Sequence for A.S. Graduates

Part Time	Course ID	Description	Credits
Term 1	ISM3212C	Database Management	3
	ENC1102	English Composition II (Recommended)	3
Term 2	ISM3054C	Web Systems and Technologies	3
	SPC1024 or	Introduction to Speech Communication or	
	SPC1608	Public Speaking	3
Term 3	CIS3361C*	Cybersecurity Analyst - CySA+	3
	ISM3314C*	Applied Project Management	3
Term 4	APA1111C*	OR ACG2001 Principles of Accounting I	3
	OCE1001	Oceanography (Recommended)	3
	OCE1001L	Oceanography Lab (Recommended)	1
Term 5	CTS1111C*	Linux+	4
	HLP1081	Total Wellness (Recommended)	2
Term 6	CTS2120C*	Security+	4
	ISM4318C	Agile Project Management	4
Term 7	BUL3130	Business Law and Ethics	3
	MAN3310	Human Resource Management	3
Term 8	MAN3303	Management and Leadership	3
	THE2000 or	Theatre Appreciation or	
	ARH2000	Art Appreciation (Recommended)	3
Term 9	STA2023* or	Statistics (Recommended) or	
	MGF1107	Survey of Mathematics	3
	UL Elective	Internship or IT Elective	3
Term 10	SYG2000 or	Principles of General Sociology or	
	PSY2012	General Psychology (Recommended)	3
	Total Program Credit Hours		60

Notes: Courses may 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.

*RECOMMENDED COURSE ELECTIVES AS NEEDED - Students who have completed these courses as part of an AS program, should choose from any of the following Recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Linux System Administrator	3
CNT4422C	Cloud Security (CCSP)	3	ISM4323C	CompTIA Advanced Security Practitioner (CASP)	4
CTS1111C	Linux+	4	ISM3545C	Data Analytics Technologies	3
CTS2120C	Security+	4	ISM4318C	Agile Project Management	4
CTS2375C	Cloud+	3	ISM4547C	Data Analytics Management	3
CTS3857C	Server-Side Scripting	4	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

Build Your Education

Recommended Course Sequence for A.A. Graduates

Part Time	Course ID	Description	Credits
Term 1	CTS1133C	A+ Comprehensive	4
	CTS1134C	Network+	4
Term 2	CIS1513C	Project Management and Project+	4
	ISM3013C	Information Systems Management	3
Term 3	ISM3054C	Web Systems and Technologies	3
	ISM3212C	Database Management	3
Term 4	CTS2120C	Security+	4
	CIS3361C	Cybersecurity Analyst - CySA+	3
Term 5	ISM3314C	Applied Project Management	3
	ISM3545C	Data Analytics Technologies	3
Term 6	ISM4547C	Data Analytics Management	3
	APA1111C*	OR ACG2001 Principles of Accounting I	3
Term 7	CTS1111C	Linux+	4
	MAN3310	Human Resource Management	3
Term8	BUL3130	Business Law and Ethics	3
	MAN3303	Management and Leadership	3
Term 9	ISM4318C	Agile Project Management	4
	UL Elective	Internship or IT Elective	3
Total Program Credit Hours			60

Notes: Courses may 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.

Program Highlights

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

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment

Related Industry Certifications: During this program, students will be eligible to sit for the following industry certifications/licenses:

- Cloud+
- Project+
- Security+
- Network+
- CCSP
- Linux+

- SSCP
- A+
- CISSP
- MCSE
- CCNP

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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!

Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available.

Bachelor of Applied Science in Information Technology
Program Code T300F Spatial Computing

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

Location(s): Courses for this program are not offered at all BC locations. Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

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

Program Description: The Bachelor of Applied Science Degree in Information Technology – Spatial Computing provides individuals who hold an Associate degree 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.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found here.

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

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Pre-requisites: Once admitted, students must complete 15 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits
CTS1133C	A+ Comprehensive	4
CTS1134C	Network+	4
CIS1513C	Project Management and Project+	4
ISM3013C	Information Systems Management	3

*This is only a recommended course sequence. Students are strongly encouraged to meet with an advisor each term before selecting classes to create a personalized educational plan.

*As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

Take 1 Biological Science, 1 Physical Science, 1 Laboratory, and 1 Wellness course to complete graduation requirements. At least one Biological or Physical Science course must be from the Core list; both courses can be from the Core List.

Build Your Education

Associate of Science → IT Support Specialist TC1 6337 → Information Technology ATC1 4283 → Spatial Computing ATC2 4293 → Bachelor of Applied Science T300

Recommended Course Sequence A.S. Graduates

Students specializing in Spatial Computing will have an additional 6-8 credits of required courses for a total of 21-23 credits.

Course ID	Description	Credits
COP1000C	Introduction to Programming	3
MAC1105 or	College Algebra or	3
MAC1105C	College Algebra Corequisite	5

Part Time	Course ID	Description	Credits
Term 1	ISM3212C	Database Management	3
	ENC1102	English Composition II (Recommended)	3
Term 2	ISM3054C	Web Systems and Technologies	3
	SPC1024 or	Introduction to Speech Communication or	
	SPC1608	Public Speaking	3
Term 3	CIS3361C*	Cybersecurity Analyst - CySA+	3
	ISM3314C*	Applied Project Management	3
Term 4	COP1334C	Introduction to C++	3
	OCE1001	Oceanography (Recommended)	3
	OCE1001L	Oceanography Lab (Recommended)	1
Term 5	COP2360C	C# Programming	3
	MAC1114	Trigonometry	3
Term 6	CTS1212C	Photoshop	3
	COP3668C	Spatial Computing 1	4
Term 7	COP3560C	Spatial Computing 2	4
	COP4565C	Spatial Computing 3	4
Term8	COP4850C	Spatial Computing 4	3
	THE2000 or	Theatre Appreciation or	
	ARH2000	Art Appreciation (Recommended)	3
Term 9	HLP1081	Total Wellness (Recommended)	2
	COP4940	Internship	3
Term 10	SYG2000 or	Principles of General Sociology or	
	PSY2012	General Psychology (Recommended)	3
		Total Program Credit Hours	60

Notes: Courses may 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.

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CTS3857C	Server-Side Scripting	4	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

Build Your Education

| Associate of Arts | IT Support Specialist TC1 6337 | Information Technology ATC1 4283 | Spatial Computing ATC2 4293 | Bachelor of Applied Science T300 |

Recommended Course Sequence in
Spatial Computing Specialization for A.A. Graduates

Part Time	Course ID	Description	Credits
Term 1	CTS1133C	A+ Comprehensive	4
	CTS1134C	Network+	4
Term 2	CIS1513C	Project Management and Project+	4
	ISM3013C	Information Systems Management	3
Term 3	COP1000C	Introduction to Programming	3
	ISM3054C	Web Systems and Technologies	3
Term 4	ISM3212C	Database Management	3
	CIS3361C*	Cybersecurity Analyst - CSA+	3
	ISM3314C*	Applied Project Management	3
Term 5	COP1334C	Introduction to C++	3
	COP2360C	C# Programming	3
Term 6	MAC1114	Trigonometry	3
	CTS1212C	Photoshop	3
Term 7	COP3668C	Spatial Computing 1	4
	COP3560C	Spatial Computing 2	4
Term8	COP4565C	Spatial Computing 3	4
	COP4850C	Spatial Computing 4	3
Term 9	UL Elective	Internship or IT Elective	3
Total Program Credit Hours			60

Notes: Courses may 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.

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

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