



# A2BW - Associate to Bachelor's Program

## AA to BS in Computer Network & Security Analyst



### Suggested Sequence at Tri-C

\*\*For the best A2BW fit, students should complete the following math course as part of the AA degree prior to transferring: **MATH 1410, 2010**  
 # These courses should be selected as part of the AA: **EET 1302, IT 1025, 1050, 2351, ITNT 2300, 2310, 2370 and Honors options when available.**

^ Tri-C equivalent course taken under SPCH will be accepted to meet this requirement.

First Semester		Credits
Arts/Humanities	Elective	3
ENG 1010	College Composition I	3
IT 1025#	IT Concepts for Programmers	3
MATH 1410**	Elem Probability & Statistics I	3
COMM 1010^	Fundamentals of Speech Com	3
		<b>15</b>

Second Semester		Credits
Arts/Humanities	Elective	3
ENG 1020	College Composition II	3
IT 1050#	Programming Logic	3
MATH 2010**	Intro to Discrete Math	4
Soc/Beh Science	Elective	3
		<b>16</b>

Third Semester		Credits
IT 2351#	Enterprise Data Systems	4
ITNT 2300#	Network Fundamentals	3
ITNT 2310#	TCP/IP	3
ITNT 2370#	Network Security Fundamentals	3
Nat. Science	Natural Science elective	3
		<b>16</b>

Fourth Semester		Credits
Arts/Humanities	Arts/Humanities elective	3
EET 1302#	Cisco I	3
Nat Science/lab	Natural Science elective /lab	3-4
Soc/Beh Science	Elective	3
Soc/Beh Science	Elective	3
		<b>15-16</b>

Associate of Arts Degree Awarded      Total hours: **62-63\***  
 \*A maximum of 62 credits transfers to BW for your AA degree.

### Suggested Sequence at BW

Course sequence may change based on individual needs of the student, schedule type required, and completion of **MATH courses** before transfer.

Fifth Semester		Credits
BUS 358	Business Communications	3
CSC 285	Network Diagnostics & Troubleshooting	3
Elective	Elective course	4
Minor	Minor course (or double major)	3
Minor	Minor course (or double major)	3
		<b>16</b>

Sixth Semester		Credits
CSC 360	Info. Systems: Project Mgmt	3
Minor	Minor course (or double major)	3
Minor	Minor course (or double major)	3
Minor	Minor course (or double major)	3
Minor	Minor course (or double major)	4
		<b>16</b>

Seventh Semester		Credits
CSC 315	Network Administration	3
CSC 410	Advanced Computer Networks	3
Elective	Elective course	4
Minor	Minor course (or double major)	3
Minor	Minor course (or double major)	3
		<b>16</b>

Eighth Semester		Credits
CSC 415	Penetration Testing & Defense	3
CSC 470X	Senior Internship	3
Elective	Elective course(s)	5
Minor	Minor course (or double major)	3
		<b>14</b>

Bachelor of Science Degree Awarded      Total hours at Tri-C/BW: **124**

**BW's Experiential Learning** requirement may be incorporated into the major, minor, or elective courses, summer internships, study abroad, or approved individual experiences.

**Additional information on back**



# A2BW - Associate to Bachelor's Program

## AA to BS in Computer Network Security Analyst



The A2BW program awards maximum credit for an associate degree from Cuyahoga Community College, streamlining completion of a bachelor's degree from Baldwin Wallace University. A maximum of 62 credits transfers to BW from Tri-C for your AA degree, fulfilling most of the BW core requirements and guaranteeing junior status.

**Disclaimer:** Students should work with a BW academic advisor to identify a minor or second major, electives, and possible Experiential Learning options. A BW advisor also assists students with developing a graduation plan for **full or part time study**.

### **All students must complete:**

- A minimum of 124 semester credits (combined Tri-C and BW)
- A minor or second major
- All residency requirements (45 credits for BW, plus major and minor residency)
- An Experiential Learning requirement (Ex: internship, field experience, study abroad, community service)

Students have the opportunity to attend both institutions at the same time through dual enrollment or cross registration.

### **Dual Enrollment**

For more information about dual enrollment, visit: <https://www.bw.edu/undergraduate-admission/transfer/dual-admission/>

Or contact:

**Joyce J. Cendroski**  
Director of First-Year Recruitment  
Baldwin Wallace University  
(440) 826-8004  
[jcendros@bw.edu](mailto:jcendros@bw.edu)

**Patricia Sweeney**  
Counselor/Assistant Professor  
Cuyahoga Community College  
(216) 987-5159  
[patricia.sweeney@tri-c.edu](mailto:patricia.sweeney@tri-c.edu)

### **Learn More!**

Talk with a BW Admission Counselor about the A2BW or for information about cross registration.

440-826-8012

[admission@bw.edu](mailto:admission@bw.edu)  
[www.bw.edu/A2BW](http://www.bw.edu/A2BW)