

2018 - 2019  
Associate in Science:  
Computer Science Pathway  
Arts and Sciences



MULTIPLE LOCATIONS | VARIED SEMESTER LENGTHS | NUMEROUS PROGRAMS | FINANCIAL AID



AA and AS degrees require completion of a minimum of 60 semester hours of credit, but pathways may include extra hours to meet university baccalaureate degree plans. Completion of hours beyond 60 may not be required to meet AA or AS graduation requirements but is recommended based on programs offered by intended transfer institutions.

# Associate in Arts: Computer Science Pathway

**All Pathways are design to transfer to a four-year institution for eventual completion of a BA/BS or BFA degree.**

Computer Science is a growing field that needs students who think analytically to devise systems and programs, but must also be detail-oriented enough to troubleshoot problems. They must be able to communicate with non-technical peers to assess their needs and convey technical information in plain language. Possible careers are software developer, database administrator, computer hardware engineer, computer systems analyst, computer network architect, web developer, information security analyst, or computer programmer.

### For More Information:

Contact Lindsey Carpenter by email at [lindseymcarpenter@abtech.edu](mailto:lindseymcarpenter@abtech.edu) or call 828-398-7668

### Total Cost Estimate

<b>Tuition per Semester (NC Resident) (Subject to change)</b>	\$1,216.00 (16+ credit hours) \$76.00/credit hour (1-15 hours)
<b>Activity Fee</b>	\$32/semester (9+ credit hours) \$22/semester (1-8 credit hours)
<b>Computer Use and Technology Fee</b>	\$48/semester
<b>Student Insurance</b>	\$2/semester
<b>CAPS Fee</b>	\$10/semester
<b>Consumable Supply Fees</b>	\$15 Some ART, BIO,CHM, HEA, PED, and PHY courses
<b>Books</b>	cost may vary

	Course Prefix	Course Name	Credit Hours
1st Semester	ACA 122	College Transfer Success	1
	COM 231	Public Speaking	3
	ECO 251	Prin of Microeconomics	3
	ENG 111	Writing and Inquiry	3
	MAT 171	Precalculus Algebra	4
<b>(Appalachian State University)</b>			
2nd Semester	ART 111	Art Appreciation	3
	CIS 115	Intro to Prog & Logic	3
	ENG 112	Writing/Research in the Disc	3
	HIS 111	World Civilizations I	3
	MAT 172	Precalculus Trigonometry	4
<b>(UNC Asheville)</b>			
2nd Semester	CIS 115	Intro to Prog & Logic	3
	ECO 252	Prin of Macroeconomics	3
	ENG 112	Writing/Research in the Disc	3
	HIS 111	World Civilizations I	3
	MAT 172	Precalculus Trigonometry	4

	Course Prefix	Course Name	Credit Hours
<b>(Western Carolina University)</b>			
2nd Semester	BIO 111	General Biology I	4
	CIS 115	Intro to Prog & Logic	3
	ENG 112	Writing/Research in the Disc	3
	HIS 111	World Civilizations I	3
	MAT 172	Precalculus Trigonometry	4
3rd Semester	MAT 271	Calculus I	4
<b>(Appalachian State University)</b>			
4th Semester	CSC 151	JAVA Programming	3
	HEA 110	Personal Health/Wellness	3
	MAT 272	Calculus II	4
	PHY 251	General Physics I	4
<b>(UNC Asheville)</b>			
4th Semester	ART 111	Art Appreciation	3
	BIO 111	General Biology I	4
	FRE 111	Elementary French I (SPA 111)	3
	MAT 152	Statistical Methods I	4
<b>(Western Carolina University)</b>			
4th Semester	BIO 112	General Biology II	4
	COM 140	Intro Intercultural Com	3
	CSC 134	C++ Programming	3
	MAT 272	Calculus II	4
<b>(Appalachian State University)</b>			
5th Semester	CSC 134	C++ Programming	3
	HUM 220	Human Values and Meaning	3
	MAT 280	Linear Algebra	3
	PHY 252	General Physics II	4
<b>(UNC Asheville)</b>			
5th Semester	CSC 134	C++ Programming (or CSC 151)	3
	FRE 112	Elementary French II (SPA 112)	3
	HUM 220	Human Values and Meaning	3
	PHI 240	Introduction to Ethics	3
<b>(Western Carolina University)</b>			
5th Semester	CHM 151	General Chemistry I (or PHY 151 or PHY 251)	4
	CSC 151	JAVA Programming	3
	HUM 220	Human Values and Meaning	3
	PHI 240	Introduction to Ethics	3