## 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 or call 828-398-7668

## **Total Cost Estimate**

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

cost may vary

Books

	Сог	irse Pr	efix 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
	(App	alad	chian State University)	
Semester	ART	111	Art Appreciation	3
	CIS	115	Intro to Prog & Logic	3
Sem	ENG	112	Writing/Research in the Disc	3
2nd S	HIS	111	World Civilizations I	3
2	MAT	172	Precalculus Trigonometry	4
				_
	(UN	C As	heville)	
2nd Semester	CIS	115	Intro to Prog & Logic	3
	ECO	252	Prin of Macroeconomics	3
Sem	ENG	112	Writing/Research in the Disc	3
nd S	HIS	111	World Civilizations I	3
2	MAT	172	Precalculus Trigonometry	4

	Course Pre	zfix Course Name	Credit Hours			
	(Wester	n Carolina University)				
Ē	BIO 111	General Biology I	4			
este	CIS 115	Intro to Prog & Logic	3			
sem.	ENG 112	Writing/Research in the Disc	3			
2nd Semester	HIS 111	World Civilizations I	3			
2	MAT 172	Precalculus Trigonometry	4			
			_			
۲	MAT 271	Calculus I	4			
este						
Sem						
3rd Semester						
ter		chian State University)				
nes.	CSC 151	JAVA Programming	3			
Ser	HEA 110	Personal Health/Wellness	3			
4th Semester	MAT 272	Calculus II	4			
	PHY 251	General Physics I	4			
P	(UNC As					
4th Semester	ART 111	Art Appreciation	3			
Sem	BIO 111	General Biology I	4			
Ę.	FRE 111	Elementary French I (SPA 111)	3			
4	MAT 152	Statistical Methods I	4			
5	(Wester	n Carolina University)				
este	BIO 112	General Biology II	4			
em	COM 140	Intro Intercultural Com	3			
4th Semester	CSC 134	C++ Programming	3			
4	MAT 272	Calculus II	4			
	(Appalachian State University)					
ter	CSC 134	C++ Programming	3			
Semes	HUM 220	Human Values and Meaning	3			
	MAT 280	Linear Algebra	3			
5th	PHY 252	General Physics II	4			
(UNC Asheville)						
Ľ.	CSC 134	C++ Programming	3			
leste		(or CSC 151)				
Sem	FRE 112		3			
5th Semester	HUM 220	Human Values and Meaning	3			
2,	PHI 240	Introduction to Ethics	3			
	(Wester	n Carolina University)				
	CHM 151	General Chemistry I	4			
ster		(or PHY 151 or PHY 251)				
me	CSC 151	JAVA Programming	3			
5th Semester	HUM 220		3			
5tł	PHI 240	Introduction to Ethics	3			

Asheville-Buncombe Technical Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees, diplomas and certificates. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Asheville-Buncombe Technical Community College. Copies Printed at A-B Tech Print Shop Equal Opportunity Educational Institution.