A-B Tech Community College

2022 - 2023
Associate in Science:
Computer Science Concentration
Western Carolina University and Mars Hill University
Arts and Sciences

Associate in Science:
Computer Science Concentration
Western Carolina University and Mars Hill University

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)	$1,216.00 (16+ credit hours) $76.00/credit hour (1-15 hours)
Computer Use and Technology Fee	$48/semester
Activity Fee	Fall and Spring semesters only, Main campus and Online, $35.00
CAPS Fee (Campus Access, Parking and Security)	$20/semester
Matriculation Fee	$6/semester
Student Insurance	$2/Semester
Consumable Supply Fees	$15 Some ART, BIO,CHM, HEA, PED, and PHY courses
Books	cost may vary

	Course Prefix		Course Name	Credit Hours
1st Semester	ACA	122	College Transfer Success	1
	COM	120	Intro to Interpersonal Com	3
	ECO	251	Prin of Microeconomics	3
	ENG	111	Writing and Inquiry	3
	MAT	171	Precalculus Algebra	4
2nd Semester	CIS	115	Intro to Prog & Logic	3
	CSC	134	C++ Programming	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
4th Semester	HEA	110	Personal Health/Wellness	3
	MAT	272	Calculus II	4
	PHY	151	College Physics I	4
			(or BIO 111)	
5th Semester	ART	111	Art Appreciation	3
	CSC	151	Java Programming	3
	HUM	220	Human Values and Meaning	3
	PHY	152	College Physics II	4
			(or BIO 112)	

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.