

# **2020 - 2021**Associate in Science:

Computer Science: Computer Systems Concentration Appalachian State University and UNC Asheville

**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 Science: Computer Science:

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### 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	Fall and Spring semesters only, Main campus only, \$35.00
Computer Use and Technology Fee	\$48/semester
Student Insurance	\$2/semester
CAPS Fee	\$20/semester
Consumable Supply Fees	\$15 Some ART, BIO,CHM, HEA, PED, and PHY courses
Books	cost may vary

Course Pre	fix Course Name	Credit Hours
ACA 122	College Transfer Success	1
்த் COM 231	Public Speaking	3
ECO 251 ENG 111	Prin of Microeconomics	3
S ENG 111	Writing and Inquiry	3
₩ MAT 171	Precalculus Algebra	4
. ART 111	Art Appreciation	3
चें CIS 115	Intro to Prog & Logic	3
E ENG 112	Writing/Research in the Disc	3
Description of the control of the co	World Civilizations I	3
₩AT 172	Precalculus Trigonometry	4
3rd Semester MAT 271	Calculus I	4
_ CSC 151	JAVA Programming	3
## HEA 110	Personal Health/Wellness	3
₩ MAT 272	Calculus II	4
MAT 272 PHY 251	General Physics I	4
4		
_ CSC 134	C++ Programming	3
₹ HUM 220	Human Values and Meaning	3
E MAT 280	Linear Algebra	3
HUM 220 HMAT 280 HHY 252	General Physics II	4