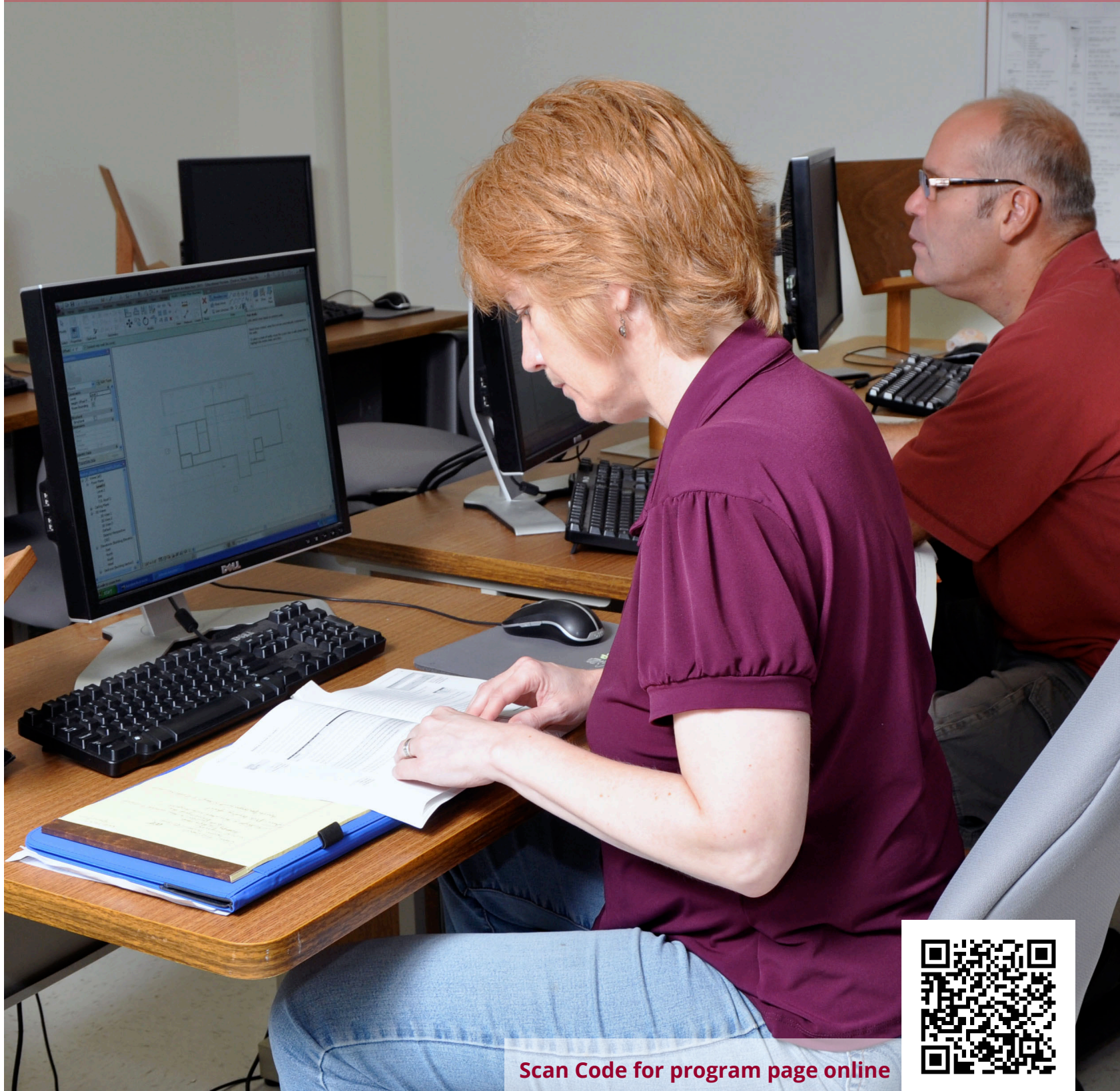




2025 - 2026 Computer-Aided Drafting Technology

Associate in Applied Science Degrees

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



Scan Code for program page online

ASHEVILLE, NORTH CAROLINA • (828) 398-7900 • ABTECH.EDU



Computer-Aided Drafting Technology

The Computer-Aided Drafting Technology curriculum prepares students to apply technical skills and advanced computer software and hardware to develop plans and related documentation, and manage the hardware and software of a CAD system. Includes instruction in architectural drafting, computer-assisted drafting and design (CADD), creating and managing two and three-dimensional models, linking CAD documents to other software applications, and operating systems. Graduates should qualify for CAD jobs in architectural and engineering consulting firms and industrial design businesses. Sustainable design practices are emphasized.

For More Information:

Contact John Erickson by email at johnaerickson68@abtech.edu or by phone at 828-398-7375, 954-478-8747

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 \$10/semester

Student Insurance \$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: <https://abtech.edu/program/computer-aided-drafting-technology-aas-associate-applied-science-cost-estimate>

Have you applied for Financial aid? Please visit A-B Tech website for instructions: <https://abtech.edu/future-students/financial-aid/applying-aid>

Courses requiring a grade of "C" or better: ARC, CET, DFT, EGR, GIS, MAC, and MEC

	Course Prefix	Course Name	Credit Hours
First Semester (Fall)	ARC 111	Intro to Arch Technology	3
	ARC 225	Architectural BIM I	2
	ARC 225A	Architectural BIM I Lab	1
	DFT 151	CAD I	3
	EGR 110	Intro to Engineering Tech	2
	MAC 131	Blueprint Reading/Mach I	2
	SST 110	Intro to Sustainability	3
Second Semester (Spring)	ARC 112	Constr Matls & Methods	4
	ARC 226	Architectural BIM II	2
	ARC 226A	Architectural BIM II Lab	1
	DFT 152	CAD II	3
	MAC 132	Blueprint Reading/Mach II	2
	MAT 121	Algebra/Trigonometry I	3
Third Semester (Summer)	ENG 111	Writing and Inquiry	3
	HUM 115	Critical Thinking	3
	PSY 150	General Psychology	3
Fourth Semester (Fall)	ARC 230	Environmental Systems	4
	COM 231	Public Speaking	3
	DFT 153	CAD III	3
	DFT 154	Intro to Solid Modeling	3
Fifth Semester (Spring)	CET 111	Computer Upgrade/Repair I	3
	DFT 254	Intermed Solid Model/Render	3
	DFT 259	CAD Project	3
	MEC 110	Introduction to CAD/CAM	2
	GIS 111	Introduction to GIS	3
Program Totals:			67

Certificates Available:

Architecture/BIM Certificate

Solid Modeling Certificate

For more information, please visit:

<https://abtech.edu/programs/academic/computer-aided-drafting>