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## Building Construction Science Diploma

This program focuses on live projects and hands-on activities to teach students energy efficient construction materials and methods associated with high-performance buildings. Students will learn advanced framing methods. Students will also learn energy auditing techniques and software associated with building energy analysis. Students will graduate from this program with the skills required to build high-performance buildings and monitor their energy use. As the construction industry reinvents itself around more sustainable building concepts, the Building Construction Science Program at A-B Tech is the "go to" place for training.

All credits in this program can transfer into the Associates Degree in Construction Management Technology, which would allow a student to graduate in two years with a diploma and a degree. Many of the credits transfer into our Sustainability Technologies program as well. Furthermore, some credits will transfer into four-year programs.

### For More Information:

Contact Heath Moody by email at [brantonhmoody@abtech.edu](mailto:brantonhmoody@abtech.edu) or by phone at 828-398-7349.

Visit [www.abtechconstructionscience.com](http://www.abtechconstructionscience.com) or visit Facebook @AshevilleGreenSchool for more program details.



*Courses requiring a grade of "C" or better: ARC, BPR, CMT, CST, and SST*

	Course Prefix	Course Name	Credit Hours
First Semester (Fall)	ARC 112	Constr Matls & Methods	4
	CMT 210	Construction Management Fund	3
	CST 111	Construction I	4
	CST 112	Construction II	4
	CST 150	Building Science	3
Second Semester (Spring)	ARC 131	Building Codes	3
	CST 241	Planning/ Estimating I	3
	SST 120	Energy Use Analysis	3
	SST 140	Green Bldg & Design Concepts	3
Third Semester (Summer)	BPR 130	Print Reading - Construction	3
	ENG 111	Writing and Inquiry	3
	MAT 121	Algebra/Trigonometry I	3
Program Totals:			39

### Certificates Available:

#### Construction & Millwork Certificate

For more information, please visit:

<https://abtech.edu/programs/academic/construction-science>