

**CONSTRUCTION TECHNOLOGY – GREEN BUILDING**  
Certificate

Minimum Credits: 32.0  
Contact Hours: 32.0

**INTRODUCTION:** This certificate program familiarizes students with construction industry tools and processes, focusing on green building techniques. Graduates meet the industry’s need for advanced efficiency training, and will have received specific training in green systems, practices, and methods, as well as in the ability to communicate and grade the benefits of such. It is the only on-line program offered in Michigan, designed to assist remotely located students in obtaining or advancing their residential and/or commercial green building career.

**CORE PROGRAM**

COURSE	TITLE	CREDITS	CONTACT HOURS
BUS 248	Business Communications	3.0	3.0
CST 101	Construction Technology I	3.0	3.0
CST 102	Construction Technology II	3.0	3.0
CST 201	Green Building & Sustainability	3.0	3.0
CST 214	Blueprint Reading & Estimating	3.0	3.0
CST 222	Advanced Green Energy	3.0	3.0
CST 240	Sustainability	3.0	3.0
ENG 120	Applied Communications	3.0	3.0
MFG 210	Green Manufacturing	3.0	3.0
MTH 113	Intermediate Algebra	4.0	4.0
PEH 263	Workplace First Aid <sup>A</sup>	<u>1.0</u>	<u>1.0</u>
<b>TOTAL MINIMUM PROGRAM CREDITS/CONTACT HOURS:</b>		32.0	32.0

**SUGGESTED SEQUENCING OF COURSES:**

YEAR 1 (FALL SEMESTER) <u>16.0</u> CREDITS		CREDITS	CONTACT HRS	YEAR 1 (SPRING SEMESTER) <u>15.0</u> CREDITS		CREDITS	CONTACT HRS
CST 101 Construction Technology I	3.0	3.0	CST 102 Construction Technology II	3.0	3.0		
CST 201 Green Building & Sustainability	3.0	3.0	CST 222 Advanced Green Energy	3.0	3.0		
MTH 113 Intermediate Algebra	4.0	4.0	CST 214 Blueprint Reading & Estimating	3.0	3.0		
ENG 120 Applied Communications	3.0	3.0	BUS 248 Business Communications	3.0	3.0		
MFG 210 Green Manufacturing	3.0	3.0	CST 240 Sustainability	<u>3.0</u>	<u>3.0</u>		
PEH 263 Workplace First Aid	<u>1.0</u>	<u>1.0</u>	TOTAL	15.0	15.0		
TOTAL	17.0	17.0					

**NOTES:**

<sup>A</sup> May be replaced with current verified American Red Cross First Aid and CPR Certification.

[Gainful Employment Information for the Construction Technology – Green Building Program](#)