

# Construction Trades Green Technology Certificate Program

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[Gainful Employment Information](https://www.swmich.edu/sites/swmich.edu/files/academics/gainful/2018/46.0201-Gedt.html)  
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*Important information about the educational debt, earnings, and completion rates of students who attended this program.*

The Construction Trades Green Technology program prepares students with both the theoretical and applied knowledge necessary to gain successful employment in the construction industry. Students will also develop a solid foundation in “green” technologies and practices related to construction. The curriculum is aligned with national competency standards and trade specific skills as defined by the Michigan Residential Builder, Maintenance & Alteration Contractor License and local apprenticeship training programs. Students in this program will develop the understanding and skills to build, inspect and repair structures. Students will also learn to effectively utilize trade specific tools and equipment, blueprints and plans, and develop the ability to manage projects while controlling costs. Salary ranges vary depending upon the type of position obtained, field of choice, and geographic region.

Core Classes	Prerequisites (Minimum Grade of C Required)
<input type="checkbox"/> BUSI 200	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
<input type="checkbox"/> BUSI 240	Strongly recommended to be taken at the end of a student’s program.
<input type="checkbox"/> CONS 114	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
<input type="checkbox"/> CONS 115	MATH 098 or test scores
<input type="checkbox"/> CONS 117	None
<input type="checkbox"/> CONS 130	None
<input type="checkbox"/> CONS 135	None
<input type="checkbox"/> CONS 140	ISYS 110
<input type="checkbox"/> CONS 145	None
<input type="checkbox"/> CONS 255	Minimum grade of C in all first semester Construction Trades Technology courses
<input type="checkbox"/> ISYS 110	None

First Semester		
Course ID	Course Name	Credits
BUSI 200	Small Business Management	3
BUSI 240	Professionalism Workshop	1
CONS 114	Intermediate Construction Practices	8
CONS 117	Print Reading for Construction Trades	2
ISYS 110	Introduction to Computer Technology	3
	Total Credits	17

Second Semester		
Course ID	Course Name	Credits
CONS 115	Construction Math	2
CONS 130	Interior & Exterior Finishes	3
CONS 135	Electrical & Mechanical Systems	3
CONS 140	Quantity and Cost Estimating	3
CONS 145	Administration & Scheduling	3
CONS 255	Internship	3
	Total Credits	17

**Total Program Credits = 34**

**Courses taken out of sequence may delay a student’s ability to complete the program in a timely manner.**