

CONSTRUCTION TECHNOLOGY – GREEN BUILDING

CERTIFICATE (C)

DESCRIPTION: 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 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.

GENERAL EDUCATION REQUIREMENTS CREDITS: 10

BUS 248	BUSINESS COMMUNICATION (3/3)
ENG 120	APPLIED COMMUNICATION (3/3)
MTH 113	INTERMEDIATE ALGEBRA (4/4)

CORE PROGRAM REQUIREMENTS CREDITS: 22

CST 101	CONSTRUCTION TECHNOLOGY I (3/3)
CST 102	CONSTRUCTION TECHNOLOGY II (3/3)
CST 201	GREEN BUILDING & SUSTAINABILITY (3/3)
CST 214	BLUEPRINT READING & ESTIMATING (3/3)
CST 222	ADVANCED GREEN ENERGY (3/3)
CST 240	SUSTAINABILITY (3/3)
MFG 210	GREEN MANUFACTURING (3/3)
PEH 263	WORKPLACE FIRST AID (1/1) ^A

MINIMUM 32 CREDIT HOURS/32 CONTACT HOURS

NOTES:

^A May be replaced with current verified American Red Cross First Aid & CPR Certification.

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SUGGESTED SEQUENCE OF COURSES

YEAR 1 (FALL SEMESTER)

CREDITS: 17

CST 101	CONSTRUCTION TECHNOLOGY I (3/3)
CST 201	GREEN BUILDING & SUSTAINABILITY (3/3)
MTH 113	INTERMEDIATE ALGEBRA (4/4)
ENG 120	APPLIED COMMUNICATION (3/3)
MFG 210	GREEN MANUFACTURING (3/3)
PEH 263	WORKPLACE FIRST AID (1/1)

YEAR 1 (SPRING SEMESTER)

CREDITS: 15

CST 102	CONSTRUCTION TECHNOLOGY II (3/3)
CST 222	ADVANCED GREEN ENERGY (3/3)
CST 214	BLUEPRINT READING & ESTIMATING (3/3)
BUS 248	BUSINESS COMMUNICATION (3/3)
CST 240	SUSTAINABILITY (3/3)