

SUSTAINABLE CONSTRUCTION TECHNOLOGY A.A.S.

John Freer, Director

This two-year Associate of Applied Science course of study is designed to prepare students for a wide range of building industry career paths. Students will get hands-on training in various job-site skills, including safety training as well as instruction and practice in entry-level skills, including site preparation and layout, plumbing, electrical, concrete forming and placement, residential framing, roofing, siding, and window installation. Students pursuing a certification in Green Building or HVAC can apply those credits toward this degree.

Additionally, students will be exposed to basic job-site control practices, scheduling, estimating, and the major guiding principles of green building and sustainable construction. Working on an actual on-site modular home, students completing the program will have experience and exposure to all aspects of residential construction, including foundations, framing, roofing, siding, insulation, drywall, cabinetry, floor finishes, and the process of basic project management.

Associate of Applied Science - Sustainable Construction Technology

Missoula College

Degree Specific Credits: 61

Required Cumulative GPA: 2.0

Catalog Year: 2018-2019

Summary

Code	Title	Hours
Required Courses		43
Elective Courses		18
Total Hours		61

Required Courses

Code	Title	Hours
Complete all of the following courses:		
BMGT 242	Front Line Supervision	3
CAPP 120	Introduction to Computers	3
CSTN 120	Carpentry Bscs & Rough-In Frmg	5
CSTN 122	Beginning Carpentry Lab	5
CSTN 142	Int & Ext Finish Carpentry	4
CSTN 143	Intermediate Carpentry Lab	4
CSTN 282	Green Bldg Concept & Design I	4
CSTN 283	Green Bldg Concept & Design II	3
DDSN 114	Introduction to CAD	3
M 111	Technical Mathematics	3
NRGY 120	Industrial Safety and Rigging	3
WRIT 101	College Writing I	3

or WRIT 121 Intro to Technical Writing

Total Hours 43

Minimum Required Grade: C-

Elective Courses

Code	Title	Hours
Complete 18 credits of the following courses:		18
CSTN 171	Site Prep, Found, Concrete Ins	
CSTN 205	Advanced Carpentry Lecture	
CSTN 206	Advanced Carpentry Lab	
CSTN 278	Applied Building Practices Lab	
CSTN 279	Commercial Construction	
CSTN 286	Advanced Wood Buildings	
CSTN 291	Special Topics	
CSTN 299	Capstone: Carpentry	
FME 122	Electricity	
FME 127	High/Low Pressure Boilers	
FME 128	Plumbing & Maintenance	
FME 130	Heating & Air Conditioning	
WLDG 103	Welding Fund Constructn Trades	

Total Hours 18

Minimum Required Grade: C-