



DEGREE MAP

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites, and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Program Name: Building Construction Technology-Associate of Applied Science Degree

Location(s) Offered:

Sierra Vista Campus

Learning Outcomes: *Students who successfully complete this program will be able to do the following:*

1. Apply industry-recognized competency in various construction skills.
2. Demonstrate the ability to follow a blueprint to estimate and build from foundation to finish using carpentry, electrical, plumbing, and HVAC skills.
3. Demonstrate the ability to understand and incorporate sustainable (green) practices in the construction field.

Course or program prerequisite(s) not included in the degree:

ENG 101 Composition requires appropriate English placement score (or see advisor).
MAT 132 Applied Mathematics requires appropriate mathematics placement score (or see advisor)

Program Reviewed: Feb 22, 2016

Key:

IW=Intensive Writing
F2F=Face-to-Face Instruction
ITV=Instructional Television
VC=Virtual Campus/Online

<i>Requirements</i>	<i>Course(s) Recommended</i>	<i>Delivery Method</i>	<i>Credits</i>
<i>First Semester (Fall):</i>			
Core Curriculum	BCT 100 Technical Mathematics I	F2F	3
Core Curriculum	BCT 102 Carpentry Fundamentals	F2F	3
Core Curriculum	BCT 108 Basics in Construction	F2F	3
General Education-Composition	ENG 101 Composition	F2F,VC	3
General Education-Technology Literacy	CIS 116 Computer Essentials or CIS 120 Intro to Info Systems	F2F,VC	3
<i>Second Semester (Spring):</i>			
Core Curriculum	BCT 103 International Residential Building Codes	F2F	3
Core Curriculum	BCT 109 Construction Safety	F2F	3
Core Curriculum	BCT 127 Blueprint Reading and Estimating	F2F	3
General Education-Composition	ENG 102 English Composition	F2F,VC	3
General Education-Mathematics	MAT 132 Applied Mathematics or higher	F2F,VC	3-4
<i>Third Semester (Fall):</i>			
Core Curriculum	BCT 104 Electric I	F2F	3
Core Curriculum	BCT 110 Cabinetmaking	F2F	4
Core Curriculum	BCT 111 Plumbing	F2F	4
General Education-Liberal Arts		F2F,VC	3
Elective		F2F,VC	3
<i>Fourth Semester (Spring):</i>			
Core Curriculum	BCT 201 Carpentry Framing and Finishing	F2F	4
Core Curriculum	BCT 202 Carpentry Forms	F2F	4
General Education-Liberal Arts		F2F,VC	3
Elective		F2F,VC	3
Elective		F2F,VC	2-3

Total credits required:

64

Notes: