

Construction Technologies

Building Construction Technology

**Credential: Associate in Applied Science
Degree in Building Construction Technology
*Pending SACSCOC approval
A35140**

A program that prepares individuals to apply technical knowledge and skills to residential and commercial building construction and remodeling. Includes instruction in construction equipment and safety, site preparation and layout; construction estimating; print reading; building codes; framing, masonry, heating, ventilation, and air conditioning; electrical and mechanical systems; interior and exterior finishing; and plumbing.

Course requirements for Associate in Applied Science
Degree in Building Construction Technology

A.	General Education Courses (15 SHC)	
ENG 111	Writing & Inquiry	3-0-3
ENG 114	Professional Research & Reporting	3-0-3
MAT 121	Algebra/Trigonometry I	2-2-3
	Humanities/Fine Arts Elective	3-0-3
	Social/Behavioral Science Elective	3-0-3

B.	Technical Core (12 SHC)	
BPR 130	Print Reading Construction	3-0-3
SST 140	Green Building & Design Concepts	3-0-3
CMT 120	Codes & Inspections	3-0-3
CST 241	Planning & Estimating I	2-2-3

C.	Program Major (12 SHC)	
CST 111	Construction I	3-3-4
CST 112	Construction II	3-3-4
CST 221	Statics/Structures	3-3-4

D.	Other Major Hours (28 SHC)	
CST 113	Construction III	3-3-4
ELC 113	Residential Wiring	2-6-4
PLU 111	Intro to Plumbing	1-3-2
MAS 140	Intro to Masonry	1-2-2
CST 131	OSHA/Safety/Certification	2-2-3
CST 211	Construction Surveying	2-3-3
CST 150	Building Science	2-2-3
WBL 111	Work-based Learning I	0-10-1
ARC 111	Intro to Architecture	1-6-3
SST 120	Energy Use Analysis	2-2-3

Other Required Hours:		
ACA	Student Success Course	1

Total Semester Hours Credit Required: 68

**Credential: Building Construction Technology
Diploma *Pending SACSCOC approval
D35140**

A.	General Education Hours (6 SHC)	
ENG 111	Writing & Inquiry	3-0-3
MAT 121	Algebra/Trigonometry I	2-2-3

B.	Technical Core (12 SHC)	
BPR 130	Print Reading Construction	3-0-3
SST 140	Green Building & Design Concepts	3-0-3
CMT 120	Codes and Inspections	3-0-3
CST 241	Planning and Estimating I	2-2-3

C.	Program Major (8 SHC)	
CST 111	Construction I	3-3-4
CST 112	Construction II	3-3-4

D.	Other Major Hours (15 SHC)	
CST 113	Construction III	3-3-4
ELC 113	Residential Wiring	2-6-4
PLU 111	Intro to Plumbing	1-3-2
MAS 140	Intro to Masonry	1-2-2
CST 131	OSHA/Safety/Certification	2-2-3

Total Semester Hours Credit Required: 41

**Credential: Building Construction Technology
Certificate *Pending SACSCOC approval
C35140**

**Course requirements for Building Construction
Technology Certificate**

Program Major (8 SHC)		
CST 111	Construction I	3-3-4
CST 112	Construction II	3-3-4

Other Major Hours (7 SHC)		
CST 113	Construction III	3-3-4
CST 131	OSHA/Safety/Certification	2-2-3

Total Semester Hours Required: 15