

Construction Technologies

Building Construction Technology Credential: Associate in Applied Science Degree in Building Construction Technology 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.

Program Length: 5 Semesters
Program Site: Chatham Main Campus

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

1. General Education Requirements (15 SHC)

MAT 121	Algebra/Trigonometry I	2-2-3
	Humanities/Fine Arts Elective	3-0-3
	Social/Behavioral Science Elective	3-0-3
	English; Take one course:	
ENG 110	Freshman Composition	3-0-3
ENG 111	Writing & Inquiry	3-0-3
	Communications; Take one course:	
ENG 112	Writing/Research in the Disc	3-0-3
ENG 114	Prof Research & Reporting	3-0-3
COM 120	Intro Interpersonal Com	3-0-3

2. Major Requirements (24 SHC)

BPR 130	Print Reading Construction	3-0-3
CMT 120	Codes & Inspections	3-0-3
CST 241	Planning & Estimating I	2-2-3
SST 140	Green Building & Design Concepts	3-0-3
CST 111	Construction I	3-3-4
CST 112	Construction II	3-3-4
CST 221	Statics/Structures	3-3-4

3. Other Major Requirements (28 SHC)

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

4. Other Requirements (1 SHC)

	Take one course:	
ACA 111	College Student Success	1-0-1

ACA 115	Success & Study Skills	0-2-1
ACA 122	College Transfer Success	0-2-1

Total Semester Hours Credit Required for Graduation: 68

Building Construction Technology Credential: Building Construction Technology Diploma D35140

1. General Education Requirements (6 SHC)

MAT 121	Algebra/Trigonometry I	2-2-3
	English; Take one Course:	
ENG 110	Freshman Composition	3-0-3
ENG 111	Writing & Inquiry	3-0-3

2. Major Requirements (20 SHC)

BPR 130	Print Reading Construction	3-0-3
CMT 120	Codes and Inspections	3-0-3
CST 111	Construction I	3-3-4
CST 112	Construction II	3-3-4
CST 241	Planning and Estimating I	2-2-3
SST 140	Green Building & Design Concepts	3-0-3

3. Other Major Requirements (15 SHC)

CST 113	Construction III	3-3-4
CST 131	OSHA/Safety/Certification	2-2-3
ELC 113	Residential Wiring	2-6-4
MAS 140	Intro to Masonry	1-2-2
PLU 111	Intro to Plumbing	1-3-2

Total Semester Hours Credit Required for Graduation: 41

Building Construction Technology Credential: Building Construction Technology Certificate C35140

Course requirements for Building Construction Technology Certificate

1. Major Requirements (8 SHC)

CST 111	Construction I	3-3-4
CST 112	Construction II	3-3-4

2. Other Major Requirements (7 SHC)

CST 113	Construction III	3-3-4
CST 131	OSHA/Safety/Certification	2-2-3

Total Semester Hours Required: 15