

BUILDING CONSTRUCTION TECHNOLOGY DEGREE (A35140)

The Building Construction Technology curriculum is designed to prepare students to apply technical knowledge and skills to residential and commercial building construction and remodeling. Course work includes instruction in construction equipment and safety; site preparation and layout; construction estimating; print reading; building codes; framing; heating, ventilation, and air conditioning; electrical and mechanical systems; interior and exterior finishing; and plumbing.

Graduates should qualify for entry-level jobs in architectural, engineering, construction and trades professions as well as positions in industry and government.

COURSE & HOUR REQUIREMENTS

Course Number & Name	Class Hours	Lab Hours	Credit Hours
FALL SEMESTER			
ACA 111 College Student Success	1	0	1
BPR 130 Print Reading - Construction	3	0	3
CAR 110 Introduction to Carpentry	2	0	2
CAR 111 Carpentry	3	15	8
Total	9	15	14
SPRING SEMESTER			
ARC 131 Building Codes	2	2	3
CAR 112 Carpentry II	3	15	8
CST 131 OSHA/Safety/Certification	2	2	3
*MAT 121 Algebra/Trigonometry I	2	2	3
Total	9	21	17
SUMMER SEMESTER			
CAR 113 Carpentry III	3	9	6
PLU 111 Intro to Basic Plumbing	1	3	2
Total	4	12	8
FALL SEMESTER			
*ENG 111 Writing and Inquiry	3	0	3
CST 150 Building Science	2	2	3
CST 241 Planning/Estimating I	2	2	3
*Humanities/Fine Arts Elective	3	0	3
*Social Science Elective	3	0	3
Total	13	4	15
SPRING SEMESTER			
CST 211 Construction Surveying	2	3	3
SST 140 Green Building & Design Concepts	3	0	3
CST 221 Statics/Structures	3	3	4
COM 231 Public Speaking	3	0	3
Total	11	6	13
TOTAL SEMESTER CREDIT HOURS FOR DEGREE			67

*This course is a component of the general education requirements needed for graduation.

NOTE: Students are required to take ACA 111 in their first semester.