

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
CST 111 Construction I	3	3	4
CST 131 OSHA/Safety/Certification	2	2	3
*Math Elective	2/3	2	3/4
Total	11/12	7	14/15
SPRING SEMESTER			
ARC 112 Constr Matls & Methods	3	2	4
CST 112 Construction II	3	3	4
CST 150 Building Science	2	2	3
*ENG 111 Writing and Inquiry	3	0	3
Total	11	7	14
SUMMER SEMESTER			
CST 113 Construction III	3	3	4
PLU 111 Intro to Basic Plumbing	1	3	2
Total	4	6	6
FALL SEMESTER			
ARC 131 Building Codes	2	2	3
AHR 211 Residential System Design	2	2	3
CST 241 Planning/Estimating I	2	2	3
ELC 111 Intro to Electricity	2	2	3
*Social Science Elective	3	0	3
Total	11	8	15
SPRING SEMESTER			
SST 140 Green Building & Design Concepts	3	0	3
CST 221 Statics/Structures	3	3	4
COM 231 Public Speaking	3	0	3
SST 120 Energy Use Analysis	2	2	3
*Humanities/Fine Arts Elective	3	0	3
Total	14	5	16
TOTAL SEMESTER CREDIT HOURS FOR DEGREE			65/66
*MATH ELECTIVE Choose one from the following:			
MAT 110 Mathematical Measurement & Lit.	2	2	3
MAT 121 Algebra/Trigonometry I	2	2	3
MAT 171 Precalculus Algebra	3	2	4
*SOCIAL SCIENCE ELECTIVE Choose one from the following:			
ECO 251 Principles of Microeconomics	3	0	3
HIS 111 World Civilizations I	3	0	3
PSY 150 General Psychology	3	0	3
SOC 210 Introduction to Sociology	3	0	3
*HUMANITIES/FINE ARTS ELECTIVE Choose one from the following:			
ART 111 Art Appreciation	3	0	3
HUM 115 Critical Thinking	3	0	3
MUS 110 Music Appreciation	3	0	3
REL 110 World Religions	3	0	3

*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.