

BUILDING CONSTRUCTION TECHNOLOGY

(AAS.BCT) ASSOCIATE IN APPLIED SCIENCE DEGREE

The primary objective of the Building Construction Technology program is to prepare the student for a career in the building construction industry immediately upon graduation. This associate degree program is designed to produce versatile building construction technicians capable of working in a variety of positions such as cost estimators, builders, computer drafters, surveyors and manufacturing representatives. With additional experience, these technicians could fill the positions of engineer's representative, construction supervisor, building inspector or self-employed building contractor. Employers interested in such technicians are building contractors, manufacturers, architectural, or engineering firms and testing laboratories.

Students are required to furnish their own basic drafting equipment. The cost of the equipment is approximately \$40.

Consult an advisor for transfer options.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR

First Semester		Hours
TEC-050	Technical Math I	2.0
TEC-052	Technical Math II *	2.0
BCT-045	Plans and Specifications	3.0
TEC-045	Introduction to Drafting	2.0
BCT 054	Basic Carpentry I	4.0
CET-060	Surveying I	3.0
SEMESTER TOTALS		16.0

Second Semester

TEC-054	Technical Math III *	2.0
TEC-056	Technical Math IV *	2.0
CAD-056	CAD I	2.0
EET-069	Residential Wiring I	3.0
BCT-062	Architectural Drafting II	4.0
HED-178	Responding to Emergencies	2.0
SEMESTER TOTALS		15.0

SECOND YEAR

First Semester		Hours
ENG-050	Writing for Industry *	3.0
BUS-251	Principles of Management	3.0
BCT-064	Construction Surveying Layout *	3.0
SPE-111	Intro to Speech Communication	3.0
---	Suggested Electives	4.0
SEMESTER TOTALS		16.0

Second Semester

CET-056	PCC Theory and Design *	2.0
BCT-076	Architectural Design *	4.0
ECO-130	The American Economy OR Social Science Elective	3.0
BCT-089	Construction Estimating Suggested Elective	3.0 4.0

SEMESTER TOTALS**16.0**

SUGGESTED ELECTIVES

BUS-089	Small Business Management	3.0
CIS-068	Computer Appl-Special Topics	2.0
CAD-057	CAD II *	3.0
CET-054	Soils + Aggregates	4.0
	Basic Carpentry II	4.0
BCT-041	Post Frame Construction	2.0 - 4.0
BCT-078	Architectural S.O.E.	2.0 - 4.0
CAD-059	Special Applications of CAD	3.0

TOTAL PROGRAM HOURS**63.00**

- * There are prerequisites, course requisites, or minimum placement test scores for this course.
- ** Electives must be approved by the Program Coordinator
- + Course only offered fall semester
- ++ Course only offered spring and summer semester
- +++ Course only offered spring semester
- ++++ Course offered in summer term only
- ^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective
- ^^ Consult Academic Advisor for appropriate course
- ^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours
- ^^^^ ECE 120 and ECE 125 must be taken the same semester

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