

CERTIFICATE PROGRAMS

This program prepares students to build high-performance, environmentally responsive houses for the 21st century residential construction industry.

Residential Building Technology

Course			Credit Hours
RBT	110	Residential Building I	9
RBT	111	Residential Technology I	4
RBT	112	Construction Drawings and Documents	3
RBT	121	Residential Building II	9
RBT	122	Residential Technology II	4
RBT	123	Estimating and Bidding	3
Total Minimum Credit Hours			32

This program of study is designed for the student who already has experience in light construction and wants to establish credentials for management positions.

Completion of this certificate program will prepare students for contractor licensing and construction supervision.

Residential Construction Management

Course			Credit Hours
RBT	111	Residential Technology I	4
RBT	112	Construction Drawings and Documents	3
RBT	114	AutoCAD I	3
RBT	122	Residential Technology II	4
RBT	123	Estimating and Bidding	3
RBT	131	International Residential Code	3
RBT	151	Construction Contracting and Company Management	3
RBT	152	Project Management and Scheduling	3
RBT	161	Construction Business Management	3
RBT	241	Energy Efficient Building and Design	3
Total Minimum Credit Hours			32

CERTIFICATE PROGRAMS

The Residential Design Certificate Program is designed to prepare students with the fundamental skills of architectural planning, designing, sketching, and drawing using both the drawing board and computer.

Students learn to recognize both historical and contemporary architectural styles, and to identify distinct characteristics of each style. Advanced energy efficient building designs, use of building materials, methods, and techniques necessary to build structures for the 21st Century are

Residential Design

Course			Credit Hours
RBT	111	Residential Technology I	4
RBT	112	Construction Drawings and Documents	3
RBT	113	Residential Graphics I	4
RBT	114	AutoCAD I	3
RBT	122	Residential Technology II	4
RBT	123	Estimating and Bidding	3
RBT	125	Residential Graphics II	4
RBT	126	AutoCAD II	3
RBT	131	International Residential Code	3
Total Minimum Credit Hours			31

