

# CONSTRUCTION

## BUILDING CONSTRUCTION AND REPAIR CERTIFICATE

Program Code: E.BCR.CER

### Certificate

Graduation requirement — 30–31 semester hours

The Building Construction and Repair certificate equips students with basic hands-on construction skills and broader technical knowledge for opportunities in residential construction and building renovation.

### Program Notes\*

- WLX substitutions are accepted for WLD 111.
  - WLD 111 = WLX 112 + WLX 113 + WLX 114 + WLX 115
- CIT 110 is a two credit hour course that must be completed two times (fall and spring semesters) for a total of four credit hours. CIT 110 is restricted to Early College and Career Academy (ECCA) students.

### Suggested Full-time Sequence

FALL 1st Semester	SPRING 2nd Semester
CIT 118	CIT 111
CIT 130	CIT 114
ELT 131	CIT 135
Elective	Elective
Elective	Elective

### Required Program Courses (18 hours) Cr. Hrs.

CIT 111	Construction Materials I.....	3
CIT 114	Plumbing.....	3
CIT 118	Introduction to Construction.....	3
CIT 130	Construction Plan Fundamentals.....	3
CIT 135	Residential Building Systems.....	3
ELT 131	Residential Wiring.....	3

### Electives (12–13 hours)

Choose at least four courses from the following:

BUS 101	Introduction to Business.....	3
BUS 117	Introduction to Entrepreneurship.....	3
CAD 114	Introduction to AutoCAD (Computer-Aided Drafting).....	2
CIT 110*	Introduction to Building and Construction Trades.....	4
HVC 113	Residential HVAC Installation.....	3
MGT 101	Principles of Management.....	3
MAT 110	Business Mathematics.....	3
SRV 113	Basic Surveying.....	3
WLD 111	Introduction to Welding.....	4

Total Semester Credit Hours 30–31