

GUIDED PATHWAY: CONSTRUCTION TECHNOLOGY – RESIDENTIAL CONSTRUCTION CERTIFICATE

MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH



For more information, visit the [Dallas College Construction Technology webpage](http://www.dcccd.edu/ConstructionTech) [www.dcccd.edu/ConstructionTech] and your academic advisor at the North Lake Campus.

This is an example course sequence for students interested in pursuing the Construction Technology Residential Construction Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Level 1 Certificate in Construction Technology Residential Construction. Courses from this certificate may apply to the related A.A.S. degree. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

This is a one-year certificate that provides the student with the technical knowledge and hands-on skills required to work as a craft person in Residential Building, Carpentry, or Contracting. In addition, the student will cover basic planning and materials estimating, problem solving, and human relations skills. Courses that complete the Residential Construction Certificate and are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Level I Certificate	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
TSI	May be Exempt	

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

CERTIFICATE MINIMUM: 29 SEMESTER CREDIT HOURS

SEMESTER 1 Total Hours: 15

- [OSHT 1307](#) – Construction Site Safety and Health
- [ARCE 1303](#) – Architectural Materials and Methods of Construction
- [CNBT 1300](#) – Residential and Light Commercial Blueprint Reading
- [CRPT 1325](#) – Forms and Foundations I
- [CNBT 1342](#) – Building Codes and Inspections

SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing.
3. Meet with a faculty or career advisor regarding placement for the Cooperative course. CNBT 2281 can only be taken in Semester 2 and may only be taken with instructor approval.

SEMESTER 2 Total Hours: 14

- [CNBT 2281](#) – Cooperative Education-Construction/ Engineering Technology/Technician
- [CRPT 1315](#) – Wall Systems
- [CRPT 1311](#) – Roof Systems
- [CRPT 1341](#) – Exterior Finish Systems
- [CRPT 1345](#) – Interior Finish Systems

SEMESTER 2 ACTION ITEMS

1. Meet with your advisor to request an official program of study audit and confirm or update your academic and career path and program of study.
2. Meet with your advisor to apply for the Residential Construction Certificate.

PATHWAY TOTAL: 29 SEMESTER CREDIT HOURS