

GUIDED PATHWAY: CONSTRUCTION MANAGEMENT – RESIDENTIAL EMPHASIS

MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH



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

This is an example course sequence for students interested in pursuing a degree in Construction Management with the Residential option. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (A.A.S.) degree in Construction Management, with the Residential Emphasis. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Dallas College. See catalog for [official degree requirements](#).

Construction managers work in all phases of the construction business - public and private owners; small multi-family projects to the largest of skyscrapers and industrial projects; rural highways to major interstates. Whatever the project, CMs keep the project on track and within budget. Working closely with architects, engineers, owners and the various contractors on a job, the construction manager's duties are varied, challenging and rewarding, both emotionally and financially. Optionally, graduates can go into estimating, field engineering, project scheduling and other management levels, both at the general contractor level and for specialty contractors such as mechanical, plumbing and electrical contractors. Courses that complete the degree and the [Residential Construction Foreman Certificate](#) (RC) are noted below.

Visit the [NTCCC Transfer Consortium](#) to view guided pathways created for students who complete an A.A.S. degree and the options for transfer to complete a Bachelor of Applied Arts and Science. Speak with an academic advisor at your campus to choose courses that will help you to transfer to a specific university.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Associate of Applied Science	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
TSI	Must be Complete	

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 degree requirements](#).

AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

SEMESTER 1 Total Hours: 15

- [ENGL 1301](#) – Composition I *This is a Core course. You must earn a grade of "C" or better.*
- [MATH 1314](#) – College Algebra *This is a Core course. You must earn a grade of "C" or better.*
- [CNBT 2342](#) – Construction Management I *(Course also applies to RC)*
- [ARCE 1303](#) – Architectural Materials and Methods of Construction *(Course also applies to RC)*
- [CNBT 1372](#) – Residential, Mechanical, Electrical and Plumbing Systems *(Course also applies to RC)*

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.

SEMESTER 2 Total Hours: 15

- [SPCH 1311](#) – Introduction to Speech Communication *This is a Core course.*
- [OSHT 1213](#) – Accident Prevention, Inspection and Investigation *(Course also applies to RC)*
- [SRVY 1301](#) – Introduction to Surveying
- [GEOL 1401](#) – Earth Sciences for Non-Science Majors I
- [CNBT 1300](#) – Residential and Light Commercial Blueprint Reading *(Course also applies to RC)*

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.

SEMESTER 3

Total Hours: 15

SOCIAL/BEHAVIORAL SCIENCES ELECTIVE* *This is a Core course.*

BMGT 1327 – Principles of Management

CNBT 1344 – Construction Materials Testing

CNBT 1359 – Project Scheduling (*Course also applies to RC*)

CNBT 1374 – Estimating for Residential Building (*Course also applies to RC*)

* There are several options to fulfill this requirement. See your academic advisor for a specific list.

SEMESTER 3 ACTION ITEMS

1. Meet with a career advisor or coach for assistance in preparing for job search.
2. Meet with a faculty or career advisor regarding placement for the Cooperative course.

SEMESTER 4

Total Hours: 15

HUMANITIES/FINE ARTS ELECTIVE* *This is a Core course.*

CNBT 2337 – Construction Estimating II

CNBT 1342 – Building Codes and Inspections

RESIDENTIAL OPTION-RELATED ELECTIVE**

CNBT 2305 – Building and Contracting (*Course also applies to RC*)

* There are several options to fulfill this requirement. See your academic advisor for a specific list.

** Construction Management electives for the Residential option can be chosen from the following: CNBT 2315, CNBT 2317, DFTG 1309, CNBT 2380

SEMESTER 4 ACTION ITEMS

1. After reviewing your program of study, meet with your advisor to apply for the Construction Management A.A.S. and certificate.
2. Sign up for Commencement.
3. Join the [Alumni Network!](#)

PATHWAY TOTAL: 60 SEMESTER CREDIT HOURS