

# GUIDED PATHWAY: SURVEYING 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 Surveying Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a certificate in Surveying. 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](#).

The certificate program in Surveying addresses the skills of surveying technicians who measure and collect data on specific areas of land including information about boundaries, buildings, and features both natural and man-made. They assist surveyors, cartographers, and photogrammetrists in collecting and processing the data necessary for implementing engineering and construction projects from start to finish. Further educational opportunities allow graduates to seek Associates and bachelor's degrees in this field. Courses that complete the certificate 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	
<a href="#">TSI</a>	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: 27 SEMESTER CREDIT HOURS

#### SEMESTER 1

Total Hours: 15

[SRVY 1301](#) —Introduction to Surveying  
[SRVY 1315](#) —Surveying Calculations  
[SRVY 1335](#) —Land Surveying Applications  
[SRVY 2305](#) —Geographic Information Systems Applications  
[SRVY 2343](#) —Surveying—Legal Principles I

#### 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: 12

[SRVY 1309](#) —Surveying Measurement  
[SRVY 1341](#) —Land Surveying  
[SRVY 2331](#) —Geodetic Surveying and Mapping  
[SRVY 2344](#) —Surveying-Legal Principles II

#### 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 a career advisor or coach for assistance in preparing for job search.

3. After reviewing your degree plan and program of study, meet with your advisor to apply for the Construction Technology - Surveying Certificate.

**PATHWAY TOTAL: 27 SEMESTER CREDIT HOURS**