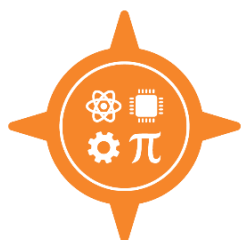# DALLAS COLLEGE

GUIDED PATHWAY: PROGRAMMER LEVEL I CERTIFICATE
ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH

For more information, visit the Dallas College Computer Information Technology webpage [www.dcccd.edu.cit] and your academic advisor at your campus.

This is an example course sequence for students interested in pursuing the Programmer Level I Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Programmer Level I Certificate. 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 certificate option is designed to provide skills and knowledge in one introductory specialization language or development tool, an operating system used with that platform, and database concepts. You are expected to complete an introductory and advanced course from the same specialization emphasis list to be considered as having met the requirement for this award. Graduates will be qualified to work as an assistant in a programming or development environment with data, coding, and/or design. Courses that complete the Programmer Level I Certificate are noted below.

Students pursuing this certificate are waived from the Texas Success Initiative (TSI) standards, but must meet course prerequisites, as long as the student completes the TSI waiver form prior to enrollment.

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: 16 SEMESTER CREDIT HOURS

SEMESTER 1	Total Hours: 8

ITSE 1429 – Programming Logic and Design
INTRODUCTORY PROGRAMMING COURSE – *See catalog for list of courses.*

> *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 career options and opportunities for job shadowing.

SEMESTER 2	Total Hours: 8

ADVANCED PROGRAMMING LANGUAGE COURSE – *See catalog for list of courses. Check with your advisor to make sure the classes you select for this specialization will count toward both the A.A.S. degree and the Certificates.*
CHOOSE ONE: **DATABASE or WEB** course *See catalog for list of courses.* **OR**
        ITSC 1415 – Project Management Software.

> *SEMESTER 2 ACTION ITEMS*
> 1. Meet with your advisor or coach for assistance in preparing for job search.
> 2. Meet with an advisor to apply for the Programmer Level I Certificate.

PATHWAY TOTAL: 16 SEMESTER CREDIT HOURS