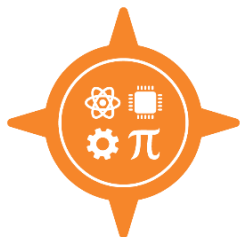# GUIDED PATHWAY: .NET PROGRAMMING SKILLS ACHIEVEMENT AWARD
ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH

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 Computer Information Technology Programming Awards. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Skills Achievement Award in .Net Programming. 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 sequence is for students who wish to learn .NET programming and the .NET framework. It includes instruction and practice in writing, executing, testing and debugging C# or Visual Basic.NET programs on a personal computer using Visual Studio.NET. Topics such as forms, controls and Windows applications are covered in detail with introductory material on ASP.NET with applications and ADO.NET data access.

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

Catalog Year	2021-2022 You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Skills Achievement Award
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: 8 SEMESTER CREDIT HOURS

PREREQUISITES

Basic understanding of personal computers and operating systems as obtained in ITSC 1401 or BCIS 1405 or COSC 1301 or equivalent experience approved by designated Information Technology personnel

SEMESTER 1   Total Hours: 4

CHOOSE ONE: ITSE 1432 – Introduction to Visual Basic.NET Programming
            ITSE 1430 – Introduction to C# Programming *OR*
            ITSE 2417 – Java Programming

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 to research career options and opportunities for job shadowing.

SEMESTER 2   Total Hours: 4

CHOOSE ONE: ITSE 2434 – Advanced Visual Basic.NET Programming *Capstone experience for award*
            ITSE 2453 – Advanced C# Programming *Capstone experience for award* *OR*
            INEW 2438 – Advanced Java Programming *Capstone experience for award*

SEMESTER 2 ACTION ITEMS
1. Meet with your advisor to request an official program of study audit and confirm or update your academic/career path and program of study.
2. Meet with your advisor to apply for the .Net Programming Skills Achievement Award

PATHWAY TOTAL: 8 SEMESTER CREDIT HOURS