

# Tarrant County College

# 2020-2021 Catalog

## Programming II

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*ITCS.To11.UG*

*Level 2 Certificate*

*Offered at All TCC Campuses*

## Program Requirements

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### Fall Term

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- [COSC 1436 - Programming Fundamentals I +](#)

Choose one from the following:

- [COSC 1301 - Introduction to Computing + or](#)
- [BCIS 1305 - Business Computer Applications +](#)
  
- [ITSC 1305 - Introduction to PC Operating Systems](#)
- [ITSC 1425 - Personal Computer Hardware](#)

Choose one from the following:

- [ITCC 1414 - CCNA 1: Introduction to Networks or](#)
- [ITNW 1425 - Fundamentals of Networking Technologies](#)

### Spring Term

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- [ITSY 1300 - Fundamentals of Information Security](#)
- [COSC 1437 - Programming Fundamentals II +](#)

Choose one from the following:

- [COSC 1420 - "C" Programming + or](#)
- [ITSE 2417 - Java Programming](#)

Choose one from the following:

- [ITSE 1479 - Introduction to Scripting Languages or](#)
- [ITSE 1430 - Introduction to C# Programming](#)

### Summer Term

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- [ITSE 2409 - Database Programming](#)
- [COSC 2436 - Programming Fundamentals III +](#)
- [ITSE 1450 - System Analysis and Design](#) (Capstone)

## **Total Certificate Hours: 45**

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*Students must meet requirements of Texas Success Initiative (TSI) thru Fall 2020, including assessment prior to enrollment in any college-level coursework and any indicated developmental education or other strategy for achieving college readiness.*

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