

# IT-SYSTEMS SPECIALIST

## Overview

### IT-Systems Specialist Technical Certificate

**Program Code: 40-152-CD**

The information technology field is projected to continue to be one of the fastest growing sectors in the world economy. In this program, explore the many aspects of IT, such as cybersecurity, networking and application development to gain a better understanding of the types of work performed by IT professionals.

**The minimum required course grades and program grade point average (GPA) for students under this catalog are:**

*Core Courses = C*

*Program GPA = 2.0*

## Required Courses

| Code                         | Title                          | Credits   |
|------------------------------|--------------------------------|-----------|
| <b>Core Courses</b>          |                                |           |
| 107-102                      | IT Support                     | 2         |
| 150-117                      | Introduction to Cisco Networks | 3         |
| Approved Substitute: 150-190 |                                |           |
| 150-121                      | Enterprise Clients             | 3         |
| 151-106                      | Security I                     | 3         |
| Approved Substitute: 151-101 |                                |           |
| 152-101                      | Python Programming             | 1         |
| 152-105                      | Intro to Web Development       | 2         |
| Approved Substitute: 201-110 |                                |           |
| 152-112                      | Intro to Programming with C#   | 3         |
| 156-108                      | Intro to Databases & Reporting | 1         |
| Approved Substitute: 152-115 |                                |           |
| 156-109                      | Intro to SQL                   | 2         |
| Approved Substitute: 152-115 |                                |           |
| 631-183                      | IT Essentials                  | 3         |
| <b>Total Credits</b>         |                                | <b>23</b> |