

# IT BASICS, SC

**This program can be completed 100% online.**

## Program Description

IT Basics allows students to develop an understanding of computer functions; master basic programming skills; and develop comfort with web page functions. This program provides the foundation for careers and/or further study in computer programming, software development, cybersecurity, web development, and other related technology fields.

This program is not eligible for financial aid. However, it may be eligible for scholarship funding if the student is awarded scholarships.

## Recommended Course Schedule

### First Year

1st semester		Units
CIT 107	Databases	1
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development (Introduction to Software Development)	4
CIT 134	Beginning C# Programming	3
CIT 151	Beginning Web Development	3
<b>Semester Total</b>		<b>15</b>
<b>Total Units</b>		<b>15</b>

## Program Requirements

Skills Certificates can consist of a single course or a short set of courses that provide training for entry-level positions or career advancement. These short-term certificates may also prepare students to take state, national and/or industry-recognized certifications or licensing exams.

Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester. Students cannot declare a skills certificate as one's major. Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0.
2. Have no financial or library obligation to the college.

Code	Title	Units
<b>CERTIFICATE REQUIREMENTS</b>		
CIT 107	Databases	1
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development (Introduction to Software Development)	4
CIT 134	Beginning C# Programming	3
CIT 151	Beginning Web Development	3
<b>Total Units</b>		<b>15</b>

## Program Outcomes

Students completing the certificate will:

PSLO1: Students will be able to identify computer components, install and troubleshoot hardware components, and demonstrate knowledge of correct installation procedures for an operating system.

PSLO2: Students will be able to design simple software system (prior to coding) and implement a structured solution (program or algorithm) to a small software specification.

PSLO3: Student will be able to design and create simple databases to satisfy pre-determined requirements.

PSLO4: Students will demonstrate an understanding of software coding, including design and analysis of software.

PSLO5: Students will create a well-designed, accessible web site that conforms to web standards, feature interlinked pages, and uses interactive features.