![TMCC logo - Truckee Meadows Community College]

IT SPECIALTY – FRONT END DEVELOPER, SC

This program can be completed 100% online.

Program Description

This program is a core component of the Tech Careers FastTrack program, preparing participants for Customer Success and Software Quality Assurance positions. These are the first steps in the career progression toward becoming a Software Developer. The program emphasizes functions of primary computer operating systems, basic coding and web-page development skills, technical communication, project management, and portfolio development. All classes in this certificate program can be applied toward a related Associates Degree.

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

1st semester		Units
CIT 114	IT Essentials	4
CIT 134	Beginning C# Programming	3
CIT 151	Beginning Web Development	3
CIT 152	Web Script Language Programming	3
CIT 251	Advanced Web Development	3
CIT 198	Special Topics in CIT	1
	Semester Total	**17**
	Total Units	**17**

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
Certificate Requirement		
CIT 114	IT Essentials	4
CIT 134	Beginning C# Programming	3
CIT 151	Beginning Web Development	3
CIT 152	Web Script Language Programming	3
CIT 251	Advanced Web Development	3

CIT 198	Special Topics in CIT	1
Total Units		**17**

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 demonstrate an understanding of software coding, including design and analysis of software.

PSLO3: Students will create a well-designed, accessible web site that conforms to web standards, feature interlinked pages, and uses interactive features.

PSLO4: Students will process web form information, provide dynamic web content and save information with JavaScript.

PSLO5: Students will create scripts to retrieve and use data from a web form, securely store retrieved information in a database and use programming constructs such as conditional statements and repetition structures.