IT - CLOUD TECHNICAL SOLUTION SPECIALIST

Overview

IT-Cloud Technical Solution Specialist

Program Code: 31-150-8

For more information: wctc.edu/cloud-tech

Learn to research, implement, manage, maintain, monitor and troubleshoot a secure cloud infrastructure essential for day-to-day business operations. Leverage cloud services to meet business objectives, and explore cloud security, cost, core services and business continuity. Implement the visibility of data for governance and auditing.

Build your degree along a career pathway. Start with a couple of courses or an entry-level credential to enter the job market in your area of interest, then continue with higher credentials on your educational path for job advancement and higher wages.

Career Pathway

1. Network Enterprise Administrator 28
2. IT-Cloud Technical Solution Specialist 27
3. IT-Network Specialist 62

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

Core Courses = C
General Studies Courses = C
Program GPA = 2.0

Learning Outcomes
Program Outcomes

1. Implement computer networks
2. Implement network security components
3. Develop technical documentation
4. Troubleshoot network systems

Critical Life Skills

To help our students prepare for success in a workplace and society that is **increasingly global, multi-cultural, and collaborative,** all students are given opportunities to develop and demonstrate Critical Life Skills, both in and out of the classroom. The following Critical Life Skills are learning outcomes for WCTC students.

- **Communication:** Demonstrate appropriate communication.
- **Critical Thinking/Problem Solving:** Demonstrate critical thinking skills to analyze situations and solve problems.
- **Relationships:** Demonstrate effective interpersonal skills.
- **Self-management:** Demonstrate responsible and respectful behavior.

Required Courses

Code	Title	Credits
Core Courses		
107-103	IT Business Strategies	3
150-117	Introduction to Cisco Networks	3
Approved Substitute: 150-175		
150-137	MS Server	3
150-153	Virtualization	3
150-165	Cloud AWS	3
150-166	AWS Solutions Architect	3
150-173	Cloud Technologies	3
150-188	Linux Essentials	3
151-106	Security I	3
Approved Substitute: 151-101		
Total Credits		**27**

Full-time Plan

First Year

Fall Term 1		Credits
150-117	Introduction to Cisco Networks	3
150-188	Linux Essentials	3
	Credits	**6**
Fall Term 2		
151-106	Security I	3
	Credits	**3**
Spring Term 1		
150-137	MS Server	3
	Credits	**3**
Spring Term 2		
150-165	Cloud AWS	3
	Credits	**3**

Second Year

Summer Term		
107-103	IT Business Strategies	3
	Credits	**3**
Fall Term 1		
150-153	Virtualization	3
150-166	AWS Solutions Architect	3
	Credits	**6**
Fall Term 2		
150-173	Cloud Technologies	3
	Credits	**3**
	Total Credits	**27**