

# IT - CLOUD TECHNICAL SOLUTION SPECIALIST

## Overview

IT-Cloud Technical Solution Specialist

Program Code: 31-150-8

For more information: [wctc.edu/cloud-tech](http://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
<b>Core Courses</b>		
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		
<b>Total Credits</b>		<b>27</b>

## Full-time Plan

### First Year

Fall Term 1		Credits
150-117	Introduction to Cisco Networks	3
150-188	Linux Essentials	3
<b>Credits</b>		<b>6</b>

### Fall Term 2

151-106	Security I	3
<b>Credits</b>		<b>3</b>

### Spring Term 1

150-137	MS Server	3
<b>Credits</b>		<b>3</b>

### Spring Term 2

150-165	Cloud AWS	3
<b>Credits</b>		<b>3</b>

### Second Year

#### Summer Term

107-103	IT Business Strategies	3
<b>Credits</b>		<b>3</b>

#### Fall Term 1

150-153	Virtualization	3
150-166	AWS Solutions Architect	3
<b>Credits</b>		<b>6</b>

#### Fall Term 2

150-173	Cloud Technologies	3
<b>Credits</b>		<b>3</b>

**Total Credits** **27**