

NEW TO ERWIN



Cloud Computing & Virtualization

AT ERWIN TECHNICAL COLLEGE

10 MONTHS / 900 HOURS

What is
Cloud
Computing?

Is this for
you?

Program
Details

RocketBox

Get Started Now

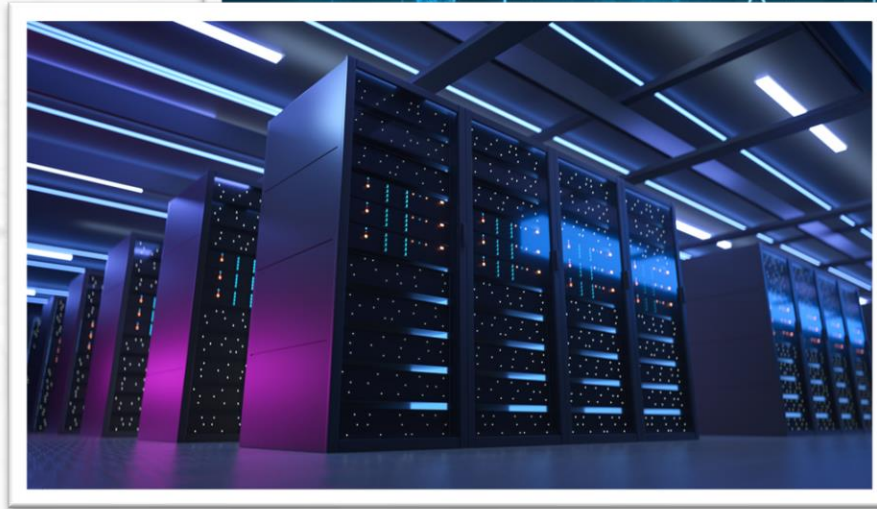
What is Cloud Computing?

The delivery of different services using the internet, including servers, databases, networks, storage, software and more.



WHAT'S THE BIG DEAL?

- Businesses don't need IT equipment
- Efficiency is increased
- Allows for faster time to market
- Equipment is maintained by cloud provider (Amazon, Google, Microsoft)
- You only pay for what you use (No wasted expenses!)



The Program

Length: 10 months / 900 hours

Schedule: Mon 8am-1pm, Tue-Fri 8am-2pm (1 hour lunch)

COURSES

1. [Information Technology Assistant](#) (150 hours)
2. [Computer Support Assistant](#) (150 hours)
3. [Networking Support Technician](#) (150 hours)
4. [Cloud Analyst](#) (150 hours)
5. [Virtualization Specialist](#) (300 hours)

CURRICULUM

1. Heavy emphasis on hands-on learning via various activities and labs. You will gain a wide variety of skills in this program
2. We are proud to be the first public school system to use Cloud Guru for our cloud computing curriculum. This is what the pros use!



The Lab

Our new lab has been updated with custom-designed furniture2, workstations, genius bars and even a lounge area!

Every student will be assigned a laptop to use for course activities and labs.

Students will have access to the same training resources used by industry professionals





Kickstart your training with our “RocketBox” (included with tuition)

INCLUDED WITH TUITION

- 2 program t-shirts
- 2 program polos
- Cloud Guru account
- TestOut account
- Adobe Express account
- CompTIA Certmaster training access
- Computer repair toolkit
- ESD wrist strap
- Bluetooth headphones
- Certification testing voucher (when ready)



Info Tech Assistant

In this course you will learn and build upon the foundational computer skills relevant to everyday life in the business world. There is emphasis on word processing, presentations, spreadsheets, using the web, business communications, basic web design and using a variety of cloud-based technologies.

If you already have good skills, they will be enhanced!

SOME OF THE THINGS WE'LL DO

- Basic computing, getting resources online, internet searching techniques, internet ethics
- Microsoft Office (Word, PowerPoint, Excel)
- Infographic development, light graphic design, Adobe Xpress, Typography essentials
- Web Design, basic html and basic css, responsive web design, content strategy
- Career exploration, hard & soft skills, premium resume development



Length: 150 hours

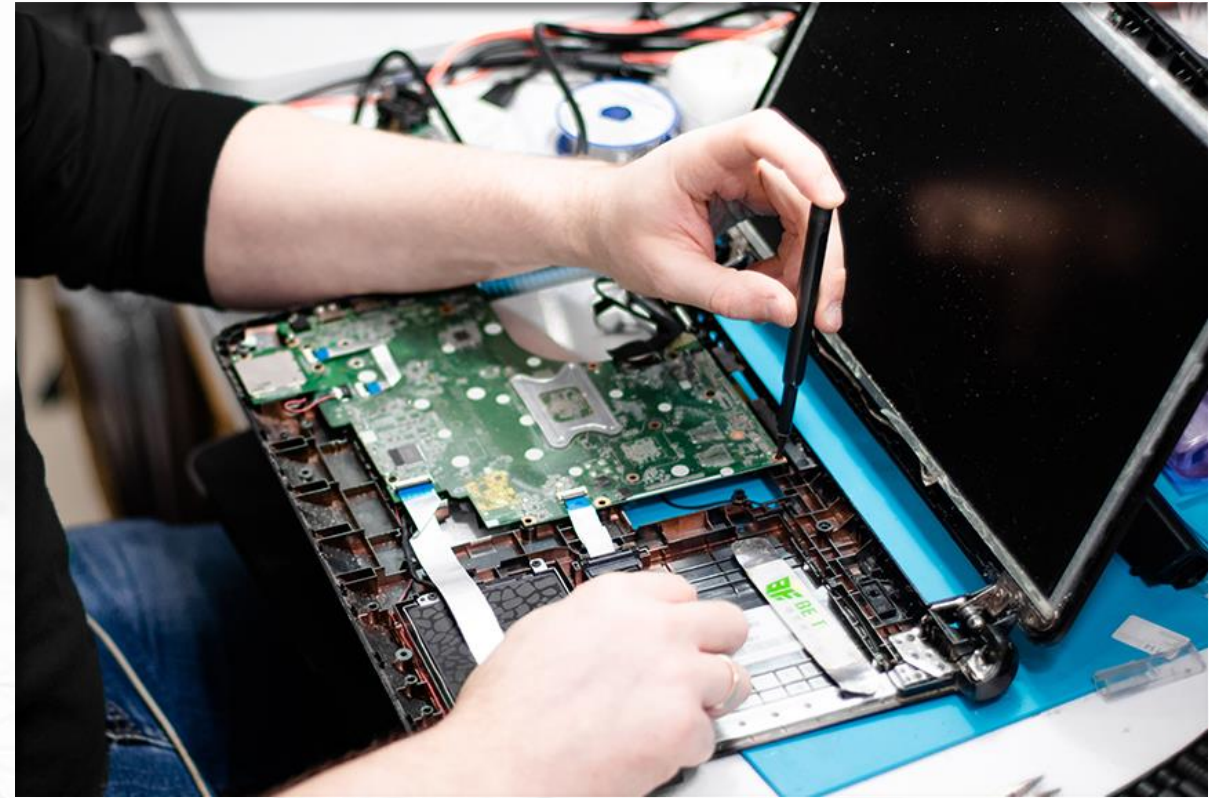


Computer Support Assistant

Provides training in the basics of installation, customer support and troubleshooting of computer and printer hardware and operating systems

SOME OF THE THINGS WE'LL DO

- Take Apart Computers, Basic Computer Repair
- Define Computer Parts & Components
- Install Operating Systems & Apps
- Customizing Interfaces
- Troubleshooting Common IT Problems
- Customer / Call Center Support
- Identify Software And Hardware Problems
- Understanding Printers
- Install/setup devices (printers, scanners, etc.)



Length: 150 hours



Network Support Technician

Network support technicians must demonstrate proficiency with computer literacy, networking fundamentals, operating systems, network security and administration.

SOME OF THE THINGS WE'LL DO

- Configure Operating Systems
- Configure Internet Access For A Network
- Configure Web Server
- Configure Hardware Devices
- Troubleshoot Problems With Hardware
- Update Device Drivers
- Optimize Disk Performance
- Install And Configure Network Services
- Install cabling



Length: 150 hours



Cloud Analyst

Network support technicians must demonstrate proficiency with computer literacy, networking fundamentals, operating systems, network security and administration.

WHAT YOU'LL LEARN

- Core cloud concepts and services
- Cloud Terminology
- Cloud Economy
- Security in the cloud
- Migrating to the cloud
- Development tools in the cloud
- Cloud data
- Cloud governance and policy
- **Prep for CompTIA Cloud Essentials certification**



Length: 150 hours



Virtualization Specialist

Install and configure virtualized environments to meet customer needs

WHAT YOU'LL LEARN

- Virtualization Concepts
- Install & Configure VMs
- Install, Configure And Manage Virtualized Clients
- Managing A Virtualization Infrastructure
- Storage Technologies
- Storage Configuration Security In A Virtualized Environment
- **Certification Prep**



Length: 300 hours



Is this program for you?

Install and configure virtualized environments to meet customer needs

WHAT YOU'LL LEARN

- ☐ Are you interested in a career related to IT and Computers
- ☐ Do you consider yourself “tech savvy”?
- ☐ Are your computer skills above beginner level?
- ☐ Are you open to learning any programming languages?
- ☐ Do you pay attention to details?
- ☐ Do you have conflicts with Mon-Fri 8am-2pm schedule?
- ☐ Have you taken any computer classes before?



Cloud Computing & Virtualization

AT ERWIN TECHNICAL COLLEGE



Get Started Now

Getting Started!

FIRST STEPS

1. Contact Program Adviser Tammy Alva at 813 769 5180
ext 236 or EMAIL tammy.alva@hcps.net
2. Apply at tinyurl.com/erwincloud
3. Receive email with important info and next steps

