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We are relocating to Atlanta! January 1, 2021

Address: 5380 Peachtree Industrial Blvd. STE 210 Norcross GA 30071

Certified Computer Hardware Repair Technician Course Details

with a Concentration in Desktop, Laptop and Work Station Hardware Repair plus Virus Removal and Printer Maintenance.

Certificate Title:

Computer Hardware Repair Technician

with a Concentration in Desktop, Laptop and Work Station

Hardware Repair plus Virus Removal and Printer Maintenance.

Total Hours: 40 Hours

Students per class: Max of 8 Students

Instructor: Michelle Cox

Days: Varies, Check our schedule online

Hours Per Day: Varies, Check our schedule online

Lunch: Varies

Prerequisites: None; This course is built for beginners only

Course Description

This course syllabus is designed to assure students high academic success. The Computer Hardware Repair course is a hands-on immersive development training for Beginners looking to transition into the Information Technology (IT) Field. CompTIA+ Textbook valued at \$175 and a 60-hour video course valued at \$200 will be provided to make home. Tools and equipment are provided for training and tool are on sale in class for purchase. We had requests to remove tools included to take home to lower the course price and that's what we have done. The full tool kit to start your business is \$300 but is optional to buy from us or all the vendors we provide and buy our items from.

The Computer Hardware Repair course is a hands-on immersive development training for Beginners which teaches Workstations; Desktops, Laptops; Server, Gaming PCs, All-In-One Repair and Printer Maintenance. The instructor gives you attainable goals and tools to ensure your success as a Computer Technician in the Information Technology Field.

Trainer Bio/Certifications:

Michelle Cox: Bio - Experience: CompTIA A+ Certification: HP OEM Commercial Workstations, Desktops and Laptops Certification; Lenovo Desktop, Laptop, and Server Certification; Dell OEM Desktop, Laptop Certification; Xerox Printer Repair Certification; Lexmark Printer Repair Certification. In-Home Computer Repair Business Owner; 19 years Field Support Specialist; Corporate IT Training Specialist and Technical Writer for multiple corporate accounts developing Field Support Technicians.

Read full bio: https://cellbotics.com/?sptp_member=michelle-cox&team=14171

Support after Training

- 3 Months FREE membership to Cellboticstech.com, \$3.99 a month after (Normally \$25 a month)
- 24 hour 888# and chat line for help
- Direct contact with the trainer for personalized help anytime, no limit
- Job Placement Assistance for IT Employment

EVALUATION CRITERIA:

Pre-Test given at the course beginning. This course is made for beginners, so we don't expect you to have any computer knowledge upon arrival. We give the tests so you can see how much information you gain from the course. It is profound the volume of information you will leave with.

Course Objectives:

Upon successful completion of this course participants will be able to: Diagnose, and Repair Workstations; Desktops (PCs), Laptops and Servers. The Student will be able to identify the nomenclature and know the terminology to become successful in the Computer/IT industry. Students will learn Printer Theory and Maintenance and gain the ability to service Commercial Printers encountered in the IT Industry. Students will have the ability to study for the CompTIA A+ Certification, which is the industry standard for IT Computer Repair Technicians. The Student will be ready to work in the IT Field and/or start a home base business repairing IT equipment.

RECOMMENDED TEXTBOOKS AND WEBSITES:

Students will receive the Textbooks as part of this course: Mike Meyers CompTIA A+ All In One Study Guide Ten Edition Premium Bundle.

METHODS OF TEACHING:

In order to accommodate varied learning styles this course will utilize various teaching methods. Possible methods include lectures, demonstrations, handouts, objective sheets, information sheets, e-mail, immersive hands-on instruction, Internet assignments, and/or multimedia presentations.

Devices covered in Training:

- All mix of brands:
 - Workstations
 - Desktops
 - Laptops
 - Servers
 - Gaming PCs
 - All-In-Ones
 - Printer Repair & Maintenance

Skillset you will learn, overview:

- Tool identification
- Industry Terms and Meanings, know how the Technician's (Men & Women) talk!
- Safety Procedures
- Assembly and teardown of all items hands on from day 1
- Students will learn every inner component of each electronic, where to buy and how to price for resale
- How to replace screens
- How to replace broken internal components
- How to replace housings
- How to replace soldered in parts
- How to replace batteries
- How to repair and diagnose multiple issues
- How to provide regular maintenance
- Learn how to Recycle "broken parts", Good for the Environment and Good for your Pocket
- Proper Cleaning Techniques for Electronics
- Heat gun use when needed
- Disaster Recover/ Water Damage Repair and Data Retrieval
- Virus removal
- Open and run your business, work with home customers and/or business customers
- And so much more!

Course Breakdown

(there is more in class but we cannot detail out every step of our process to not give out our training secrets)

**Field Trip to 2 local places to learn about how to find parts and buy electronics.*

- Introduction to Computers/Workstations/Laptops/Servers
- Computer Nomenclature; Parts Identification
- Computer Teardowns
- Intel Vs AMD
- Operating Systems (Windows, Linux, Unix, OS-X: Macintosh)
- Computer Diagnostics
- Flashing the BIOS
- RAM & Memory Upgrades
- Laptop Teardowns
- DC Jacks/Repairs & Replacements
- Customer Service
- Setting Client Expectations
- CompTIA A+ Certifications
- OEM Certifications (HP, Dell & Lenovo)
- Computer Builds **Gaming Units
- Server Teardowns
- Printer Theory & Maintenance
- Let's talk about Computer Viruses
- Antivirus
- Course Completion
- Books to Read and Websites

Business Information

Basic information for starting and maintaining your business will be provided but the focus of this course is to learn repair. Taking our Business course is recommended in addition to this course if business is your primary goal.

Computer Hardware

Throughout this course, students will learn how to take raw materials such as hard drives, motherboards, memory modules and different types of processing chips, and turn them into a working personal computer. Skills we focus on developing skills include basic computer hardware repair, as well as the identification of computer components.

Troubleshooting Fundamentals

Computer troubleshooting or diagnostics is a step-by-step process through which students learn to determine why a broken computer isn't responding. Our coursework is designed to provide you with the tools necessary to locate and resolve the technical issues that are sometimes experienced in computer hardware.

Computer Assembly

Courses in computer assembly include laboratory exercises and hands-on experiences in which students learn to both assemble and troubleshoot computers. You will get to install hardware, various types of peripheral devices, software, and configure and upgrade PCs. Other operating systems are also covered. In order to be successful in this course teaches students the basic understanding of computers and how they operate.

Safety Issues

Maintaining both personal and workplace safety is essential when it comes to computer technology. As such, you may learn about personal safety as it pertains to correct-tool usage and appropriate clothing and accessories. The handling of hazardous materials, electrical safety components, and fire safety procedures might also be emphasized.