ABC Technical College

COMPUTER SERVICES TECHNICIAN
(English/Spanish)
Course Summary

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Course/Program: **COMPUTER SERVICES TECHNICIAN (English/Spanish)**

Objective: This program has been designed to prepare students in the field of computer repair, focusing on identification, installation, assembling, configuration, function, and computer operation. It involves the study of personal computer hardware and operating systems. This class is presented with both lecture and lab portions. Students are expected to attend all classes since hands-on lab-based work is essential. Students will be assigned approximately 6 quizzes during the duration of the program to evaluate progress and diploma candidacy, including lab participation. Two of those quizzes are included in an introductory class, which is part of this program and can be as long as 4 months, depending on the student's progress. In the event a student does not pass the assigned exams, the student may receive a certificate for the number of hours completed in the program, at the instructor's discretion. ***Students will receive a certificate upon completion of the training program.**

Potential Occupations after Completion: Students will be able to seek entry-level positions on job occupation – Computer Services professionals installing, maintaining, customizing, and operation of personal computers. Job title – Computer Services Technician and IT Specialist.

The job classification this program prepares its graduates for using the United States Department of Labor's Standard Occupational Classification codes, at Detailed Occupational (six-digit) level are 49-2000 Electrical and Electronic Equipment Mechanics, Installers, and Repairers 49-2010. Computer, Automated Teller, and Office Machine Repairers, 49-2011 Computer, Automated Teller, and Office Machine Repairers.

Duration: 260 hours program, 13 weeks Class
Schedule: Monday - Friday
Time/Language 9:00 a.m. – 1:00 p.m. - English / Spanish
5:00 p.m. – 9:00 p.m. -English/ Spanish

Module	Course	Clock hours
1.	**Introduction to Windows and Computers** 40	
	Basic concepts of the Operating System (Windows 10).	
	Windows Explorer, Printers**,** Cable and wireless internet access.	
2.	**Computer Architecture PCS Basic** 40	
	Identify characteristics of the computer components.	
	Perform a proper assembly of a computer. Upgrading compatible computers	
	Select the most appropriate hardware.	
3.	**Computer Architecture PCS – Intermediate**...40	
	Processors and sockets (Intel and AMD). Advanced assembly of computers	
	Operating System post-installation steps.	
4.	**Applied Software** 40	
	Interacting with the Operating System. Install/configure different applications	
	Install and set access and work tools to internet search, install and configure	
	Drivers. Detect and remove virus problems.	

5. **The architecture of Laptop Computers..40**
Identify the characteristics of the physical components of laptops performance a Proper disarmament and assembly of notebooks repowering compatible laptops Select the most appropriate hardware for a given requirement.

6. **Installation, the configuration of networks and Professional Diagnostic 40**
Identify the most common types of networks establish communication between 2 or more computers configure routers and switches. Implement wireless network connections.

7. **Job Search Skills and Professional Development......................................20**
260 HOURS

* Once issued to the student, these fees and equipment are non-refundable and non-returnable