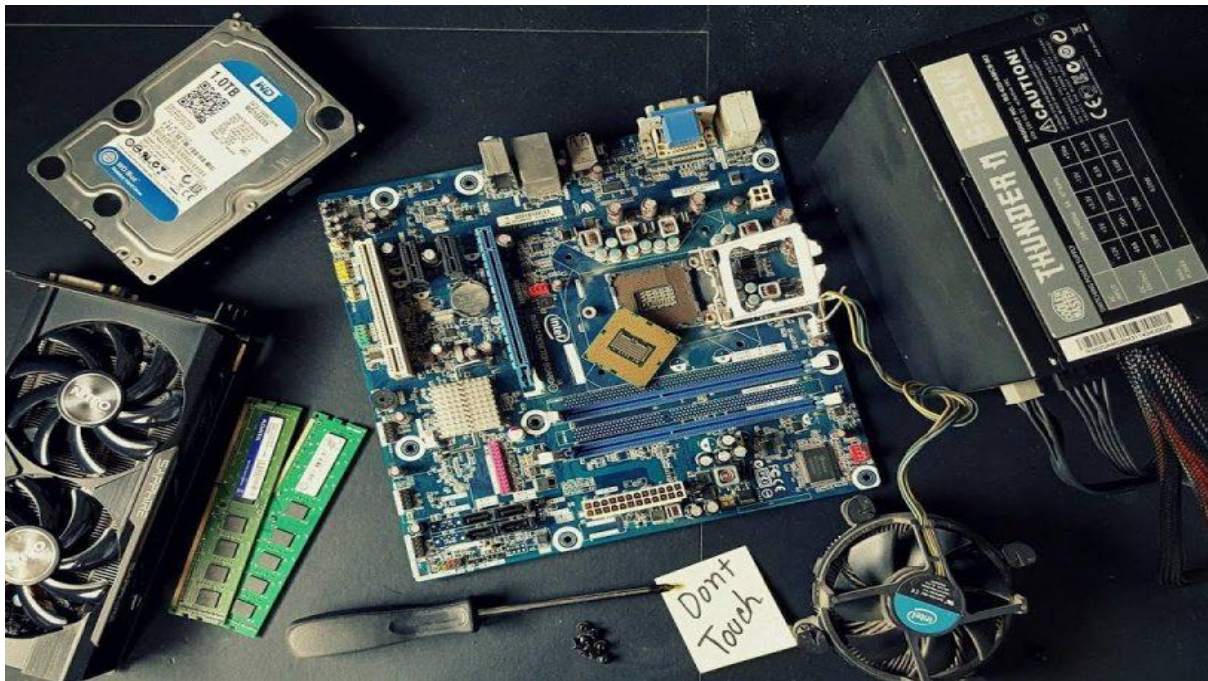


# PC REPAIR TECHNICIAN

A+

INCLUDED

BASIC NETWORKING



**NOVA**  
accredited programme

MINISTERIE VAN  
**ONDERWIJS,  
WETENSCHAP  
EN CULTUUR**  
ERKEND

**Microsoft**  
Partner Network

Trainer

Ing. Weerin Kalpoe

Ing. Urwin W. Staphorst MBA

Microsoft Certified Trainer

SUBJECT TO ANY CHANGES 15.7.22

## Training Guide

**Course:** PC REPAIR TECHNICIAN + BASIC NETWORKING  
**Code:** PCRT  
**Instructor:** Ing. Weerin Kalpoe  
**Lecturer:** Ing. Urwin W. Staphorst MCT  
**Start:** Open, 2022  
**Duration:** 30 contact hrs., on average one 3 hrs.' sessions per week (Instructor-led Training)  
**Topics by Keywords:** Motherboard, CPU, RAM, HDD, Power Supply, TCP/IP, LAN, BIOS, VGA, Networking



### Course Overview

This course is designed primarily for upcoming IT professionals with Basic IT knowledge of computers and network devices who are looking gain knowledge about the computer hardware layer and basic (wireless) networking.

### Learning Outcomes

By the end of this course, trainees should be able to

- Identify the different parts that a computer is build with.
- Select and install various computer parts.
- Installing and configuring Windows Operating Systems, software and drivers.
- Perform maintenance on computer systems.
- Troubleshoot various computer problems.
- Introduction Virtualization
- Implementing Basic LAN Networking
- Introduction Basic Wireless Networking



### Instructional Method and Requirements

During this training, participants can expect:

- Classroom setting Lectures, with sufficient room to analyze real-world problems;
- Very hands-on in-class assignments;
- Search for reliable web content;
- ONLINE assignments;
- (Online) Clinics;
- Supplementary research (hours);



### Training Materials

Course PDF, provided by IMIT.

<https://imitsuriname.sharepoint.com/sites/aplus/Shared%20Documents/Forms/AllItems.aspx>

## INVESTMENT: ALL-IN USD 350

### Training Schedule

1			Introduction: Identifying computer components Installing various computer components Part 1 (Motherboard, CPU, RAM, HDD, Power Supply)	
2			Continue: Installing various computer components Part 1 (Motherboard, CPU, RAM, HDD, Power Supply) BIOS Configuration	
3			Introduction and Implementing VMWARE Virtualization Installing and configuring Windows Operating systems Updating Windows Installing basic drivers	
4			Installing various computer components Part 2 (VGA, Expansion cards) Installing and configuring advanced drivers and software	
5			Portable devices	
6			Troubleshooting, Software and hardware Maintenance	
7			Introduction TCP/IP	
8			Introduction and Implementing LAN networking	
9			Introduction to wireless networking	
10			Open	

*Technical Requirements: Laptop i5+ / 8+ GB memory / Free Diskspace 500 GB +/-*

#### **About the Lecturer**

*Ing. Urwin W. Staphorst MBA – Microsoft Certified Trainer*

*Highly motivated and focused team player who can also work independent and specialized in Microsoft Training, the development of new projects, with strong skills in system design and development. With a Bachelor degree in Information Master of Business degree under his belt, he is also authorized by Microsoft as a Microsoft Certified Azure Administrator and a Microsoft Certified Trainer ever since 2000.*

#### **About the Trainer**

*Ing. Weerin Kalpoe*

*Weerin has experience as network designer, computer technician, advanced IT systems as well as Networking concepts, wireless network architect, network implementer and troubleshooting and has worked with many different vendors and has build up a relative experience level.*

#### **Accreditation/ Certification/ Recognition**

PC REPAIR TECHNICIAN is an integral part of the IMIT education program accredited by the “National Orgaan voor Accreditatie” (NOVA). The successful completion of the course entitles IMIT students an IMIT (sub) certificate. IMIT is recognized by The Ministry of Education, Science and Culture (MINOWC).

SUBJECT TO CHANGE 15.7.22