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## DEAR CANDIDATE

Hello,  
Greetings from Awesome Studies - Awdiz!  
It is pleasure meeting you virtually. Thank you for showing interest in our Job Guarantee Program.

For more details visit us at [www.awdiz.in](http://www.awdiz.in)  
We have attached detailed syllabus of Certificate Course in Computer Hardware and Networking for your reference

**Course Duration | 2 months**

### AWDIZ BENEFITS

100% Placement Guarantee

Pay 90% fees after you get the selection letter from company

Total 2 months course, build multiple capstone projects with your team

Experienced mentors and trainers from the industry

Personality development workshops & Mock interviews

Receive 1:1 career counselling sessions & mock interviews with hiring managers. Exhilarate your career with our 100+ hiring partners

LIVE Interactive Online Classes with Doubt Solving (By Experts)

Awdiz Computer Hardware and Networking Certification with endorsement from the industry

Interactive Recorded Video Lectures for Extra Learning

Placement Cell support for interviews at Placement Workshops with 360 Degree Career Support

Preparation for Product-based MNC Companies

#### Placed Students List

<https://www.awdiz.in/placements-awdiz-students-list>

Fresher Salary upto 3 lpa

100 % Job Guarantee

2 months Training Period

Pay Fees after Placement

No Qualification Criteria

Limited Student Batches

## BECOME A DESKTOP SUPPORT PROFESSIONAL

AWDIZ

# CERTIFICATE COURSE IN COMPUTER HARDWARE AND NETWORKING

### Hardware Components

- 1.1 Monitor & Keyboard & Mouse
- 1.2 CPU
- 1.3 Basic Components & Motherboard
- 1.4 ESD
- 1.5 Hardware and Personal Safety
- 1.6 Environmental Factors
- 1.7 Maintenance Procedures

### BIOS , CMOS & BOOT Process

- 2.1 BIOS
- 2.2 CMOS
- 2.3 Boot process
- 2.4 SMPS
- 2.5 RAM

### Input/Output Devices , Expansion Cards , Cables & Connections

- 3.1 Device and cable
- 3.2 Expansion card and slots
- 3.3 I/O Ports & BIOS & CMOS
- 3.4 Laptop Storage & Printer

### Operating System , Installation & Upgrades

- 4.1 Install OS
- 4.2 Clean installation
- 4.3 Upgrade installation
- 4.4 Partition and formatting & Transferring files

### Network Types , Devices , Protocol & Tools

- 5.1 Network types & Network device & Network tools
- 5.2 TCP/IP
- 5.3 Protocols and port
- 5.4 Wireless technologies
- 5.5 TOOLS
- 5.6 Multi-meter
- 5.7 ESD
- 5.8 Hardware and Personal safety

### Windows Admin Tool, Network Config , User and Group Management

- 6.1 Administrative tools
- 6.2 Windows features
- 6.3 Backup and restore
- 6.4 Disk management
- 6.5 Device management
- 6.6 Configured network
- 6.7 Remote desktop
- 6.8 TCP/IP

### Physical & Digital Security & Troubleshooting

- 7.1 Physical security & Firewall settings
- 7.2 User management
- 7.3 File and folder permission
- 7.4 Wires and wireless security
- 7.5 Troubleshoot security
- 7.6 OS troubleshooting
- 7.7 Recovery
- 7.8 Hard-drive & Laptop printer video card troubleshooting

### Network Architecture

- 8.1 Explain Network Devices
- 8.2 Compare Network services and applications
- 8.3 Install and configure DHCP DNS and NAT
- 8.4 WAN Technologies
- 8.5 Cabling and Connectors
- 8.6 Network Topologies
- 8.7 Network Infrastructure Implementation
- 8.8 TCP/IP concepts
- 8.9 Routing concepts and protocols
- 8.10 Unified communication technologies
- 8.11 Cloud and Virtualization
- 8.12 Implement a basic network

### Network Operation and Security

- 9.1 Monitoring tools
- 9.2 Analyze metrics and reports from monitoring
- 9.3 Configured managements
- 9.4 Network Segmentation
- 9.5 Configured switches
- 9.6 Configured wireless networks
- 9.7 Network Security
- 9.8 Risk management
- 9.9 Network Vulnerabilities
- 9.10 Physical security
- 9.11 Configured firewall
- 9.12 Network access control models