



G-TEC EDUCATION

— G-TEC Group of Institutions —

www.gteceducation.com

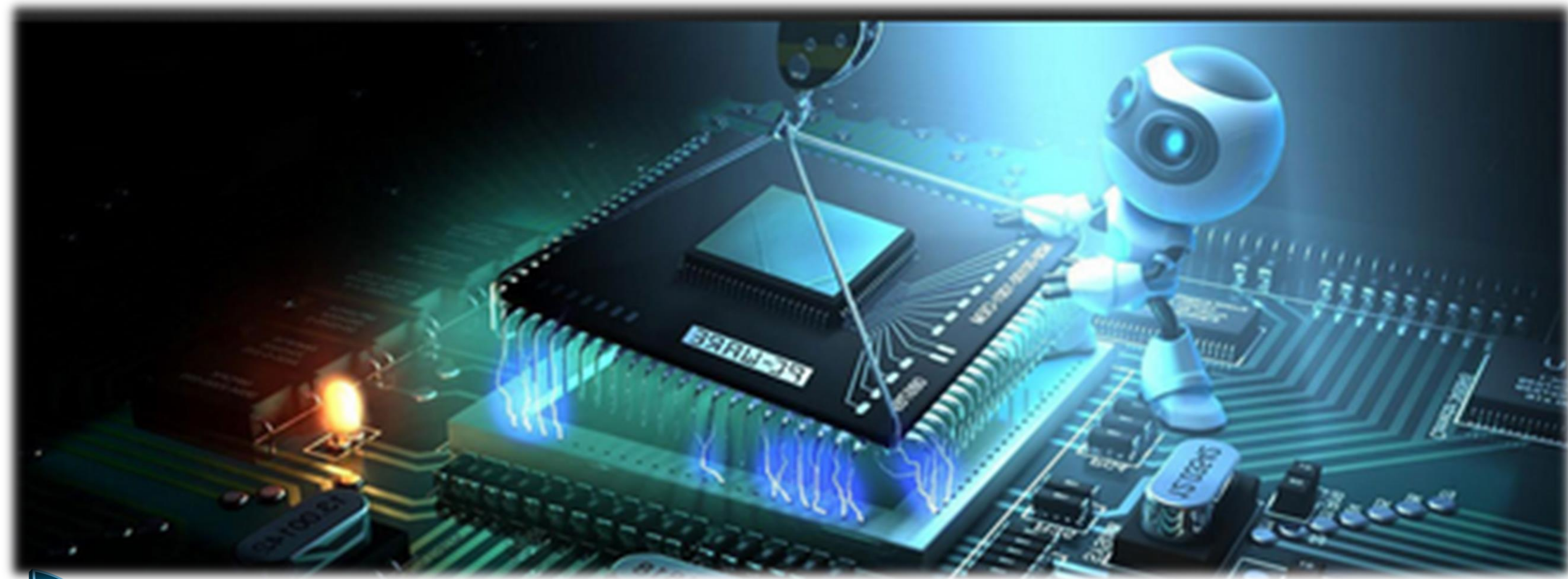


**G-TEC
HARDWARE &
NETWORKING**



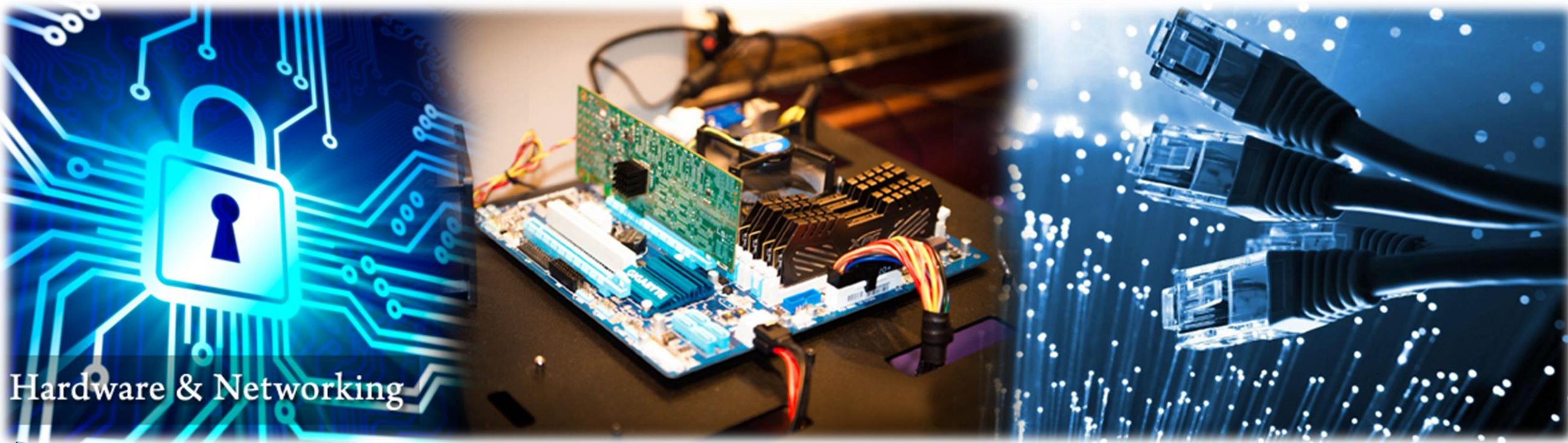
G-TEC CERTIFIED HARDWARE AND NETWORK ENGINEER (GHNE)

COURSE DURATION 432 HOURS/12 MONTHS



OBJECTIVE:

G-TEC tailored this course to build internationally recognized Professional certified with Microsoft, CompTIA and Cisco technologies. GHNE embedded with Cisco CCNA, MCITP Network+, and A+ certification topics give you a clear cut edge in job market. GHNE certification training program is trusted across the world and our certification training helps you further your professional development.



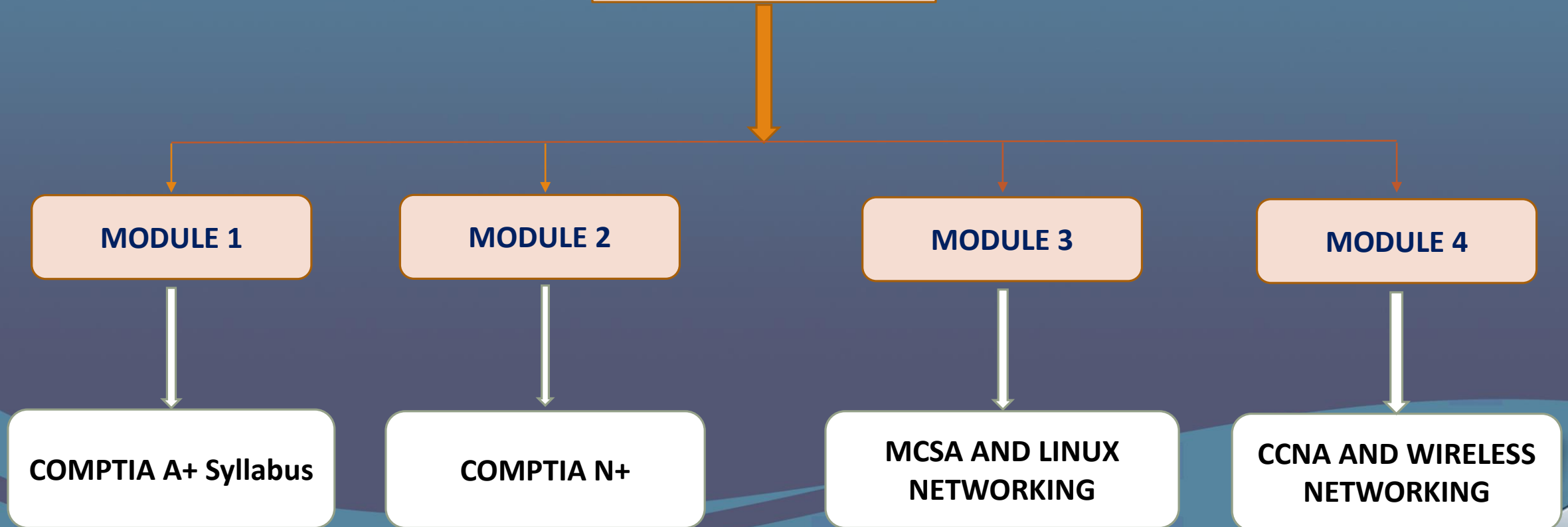
Hardware & Networking

Advantages

- ❖ **50 %** Practical and **50 %** Theory.
- ❖ Professional Environment.
- ❖ Fast track and Regular Classes.



GHNE



COMPTIA A+ Syllabus

PC Technician Essentials

PC Anatomy

Motherboards, Processors, and Adapter Cards

BIOS , RAM

Power Supplies and System Cooling

I/O and Multimedia Ports and Devices

Video Displays and Graphics Cards

Laptops and Portable Devices

Security, Printers

Troubleshooting and Communications Methods

and Professional Behavior

COMPTIA N+ Syllabus

Introduction to Networks

The Open Systems Interconnection Specifications

Networking Topologies, Connectors

Networking Devices

Introduction to Internet Protocol (IP)

IP Addressing

IP Subnetting, Troubleshooting IP and Introduction
to NAT

Introduction to IP Routing

Routing Protocols

Switching and Virtual LANs (VLANs)

Wireless Technologies

Authentication and Access Control

Physical and Hardware Security

Wide Area Networks

Network Troubleshooting

Administration

Users, Groups

Group Policy Infrastructure

Group Policy Settings

Authentication

The Split-Brain Syndrome

Domain Controllers

Sites and Replication

Domains and Forests

Active Directory Lightweight Directory Services

Active Directory Certificate Services and Public Key

Infrastructures

Active Directory Rights Management Services

Active Directory Federation Services



Internetworking

Introduction to TCP/IP

Cisco's Internetworking Operating System (IOS) and Security

Device Manager (SDM)

Managing a Cisco Internetwork

IP Routing

Enhanced IGRP (EIGRP) and Open Shortest Path First (OSPF)

Layer Switching and Spanning Tree Protocol (STP)

Virtual LANs (VLANs)

Wide Area Networks

Wi-Fi SECURITY

CAREERS

- ❖ Technical Support
- ❖ System Engineer/Administrator
- ❖ Hardware Engineer/Architect
- ❖ Network (Service) Technician
- ❖ Network Administrator
- ❖ Network Engineer



*Thank
you*

