

CTI Technical Institute

Dohar, Dhaka-1330



Course List - 2026

No	Name of Course	Type	
		Short	Long
1	Certificate in Office Application	6000/-	10000/-
2	Graphics Design & Multimedia		10000/-
3	IT Course Hardware & Networking	6000/-	10000/-
4	Website Development (For Freelancing)		18000/-
5	Digital Marketing (For Freelancing)		18000/-
6	Computer Programming		22000/-
7	Electrical Housing Wiring	12000/-	

Details Syllabus:

1. Certificate in Office Application

Objectives:

- Operate pc with windows operating system.
- Work with word processor
- Work with spread sheet program
- Present a presentation using power point.
- Create, maintain and manipulate database.
- Work with Internet & Email Application.
- Work with Google G-suite
- Concept on Freelancing
- Develop Soft Skills
- Practices communicative English

New Addition:

- * Fundamental of Website development, Digital Marketing
- * Fundamental of Numbering System (Binary, Octal, Hexa-Decimal, Decimal & Logic Gets).

2. Graphics Design & Multimedia

Objectives:

- Acquire the basic concepts and skills on Graphics Design and Multimedia.
- To provide basic knowledge and skills on Creative Designing.
- Develop skill on Designing and Developing Graphical Design & Multimedia.
- Apply the Combination of standard Graphics Design & Multimedia Application software
- Develop skill on practical print media & entry idea electronic media.
- Solve the problems on design related activities.

3. IT Course Hardware & Networking

Objectives:

- 1 To be able to understand Computer Fundamentals
- 2 To be able to understand the concept of hardware, software and Firmware
- 3 To be able to assemble and reassemble Desktop & Laptop
- 4 To be able to install and configure Windows/Linux Operating System
- 5 To be able to configure, setup and troubleshoot computer hardware and other peripherals
- 6 To be able to troubleshoot printer, scanner, CC Camera/ Access Point Installation and other devices.
- 7 To be able to connect and configure mobile phone devices and TV card to computer
- 8 To be able to install UPS / IPS to supply regulated and uninterruptable power to computer
- 9 To be able to connect different types of cables with connectors and install NIC
- 10 To be able to establish a workgroup / Client server computer network system
- 11 To be able to configure DHCP / Mail / Web servers
- 12 To be able to configure DNS server and client
- 13 To be able to connect a Personal Computer to internet
- 14 To be able to send and receive e-mail
- 15 To be able to connect a LAN to internet Via Dial up and Broadband Line
- 16 To be able to understand visualization concept
- 17 To be able to understand virtual networking
- 18 To be able to establish wireless network
- 19 To be able to understand Remote Server Administration
- 20 To be able to understand Occupational health & Safety in IT Sector

4. Web Design & Development (For Freelancing)

Objectives:

- Understand the importance of the web as a medium of communication.
- Understand the principles of creating an effective web page, including an in-depth consideration of information architecture.
- Become familiar with graphic design principles that relate to web design and learn how to implement these theories into practice.
- Develop skills in analyzing the usability of a web site.
- Learn the language of the web: Client & Server Side.
- Be able to embed social media content into web pages.
- Implement and understand how to interpret basic web analytics.

5. Digital Marketing (For Freelancing)

Objectives:

- o Connect Peripherals
- o Setup OS Environment
- o Collect Information and Resources Using Internet.
- o Prepare Document Using Google Docs.
- o Prepare Spreadsheet using Google Sheet
- o Create Google Slides

6. Computer Programming

Objectives:

1. Describe the core syntax and features of C#.
2. Create and call methods, catch and handle exceptions, and describe the monitoring requirements of applications.
3. Implement the basic structure and essential elements of a typical desktop application.
4. Create classes, define and implement interfaces, and create and use generic collections.
5. Use inheritance to create a class hierarchy, extend a .NET Framework class, and create generic classes and methods.
6. Read and write data by using file input/output and streams, and serialize and deserialize data in different formats.
7. Create and use an entity data model for accessing a database and use LINQ to query and update data
8. Web Forms Architecture
9. ASP.Net and HTTP
10. State Management and Web Applications
11. ASP.Net Server-side controls
12. Caching in ASP.Net
13. ASP.Net application configuration and Debugging, Diagnostics of application
14. Connectivity with Database using ADO.Net/Entity Framework and Data Access Controls
15. Introduction to MVC and List of Versions of ASP.NET MVC
16. Differences between versions of ASP.NET MVC
17. MVC Architecture and implementations
18. Introduced to REST and RESTful concepts with discussions on synchronous and asynchronous programming
19. Learn how to effectively use application architectures to build variety of Mobile Apps.
20. Explain the factors to consider when designing software for multiple platforms
21. Freelancing basics concept including profile creation, communicate with client and payment systems

7. Electrical Housing Wiring

Objectives:

1. Practice electrical equipment and industrial safety rules and regulation.
2. Study theory and practical of house wiring.
3. Develop idea and analyze drawing and blue print of house wiring.
4. Ensure the theory and practical application on all types of circuit and connection.
5. Practice the theory and practical application all types of electrical Testing.
6. To develop skills workforce.