Information Technology Certified Associate (ITCA) Certification

Module 1: Introduction to IT Fundamentals

- Overview of IT and Its Role in Business
- Basics of Computer Hardware and Software
- Understanding IT Terminology and Concepts

Module 2: Networking Basics

- Fundamentals of Networking (LAN, WAN, TCP/IP)
- Introduction to Network Devices and Protocols
- Basics of Wireless Networks and Security

Module 3: IT Infrastructure and Operations

- Understanding IT Systems and Architecture
- Basics of Virtualization and Cloud Computing
- Introduction to IT Operations and Support

Module 4: Cybersecurity Essentials

- Cybersecurity Principles and Practices
- Common Threats, Vulnerabilities, and Attacks
- Basics of Access Control and Encryption

Module 5: Data Management

- Data Storage, Backup, and Recovery Basics
- Introduction to Databases and SQL Concepts
- Fundamentals of Data Privacy and Security

Module 6: IT Problem Solving and Troubleshooting

- Common IT Issues and How to Address Them
- Tools and Techniques for Troubleshooting
- Developing Critical Thinking Skills in IT

Module 7: Professional Skills and Ethics

- Communication Skills for IT Professionals

- Ethical Practices in IT

- Understanding Compliance and Regulatory Requirements

Module 8: Certification Exam Preparation

- Comprehensive Review of Key Topics

- Practice Questions and Mock Exams

- Tips and Strategies for Certification Success

Key Features of the ITCA Certification Course

- **Comprehensive Learning**: Covers all essential IT domains, including infrastructure, networking, and security.

- **Practical Training**: Hands-on exercises and projects to enhance real-world skills.

- **Exam-Focused**: Tailored content to ensure certification readiness.

- **Beginner-Friendly**: Designed for those new to the IT field.

- **Career Launchpad**: Gain the skills and credentials needed to start a successful IT career.