

Introduction

Welcome to Cybersecurity Fundamentals.

In today's connected world, computers, smartphones, networks, cloud services and digital information play an important role in our personal and professional lives. As our dependence on technology increases, so does the need to protect digital systems and information.

This course introduces you to the fundamental concepts of cybersecurity and provides a foundation for further study and practical training.

Learning objectives

By the end of this lesson, students should be able to:

- Understand the purpose and structure of the course.
- Identify the major areas covered in the training.
- Understand what is expected from them as learners.
- Explain why cybersecurity skills are increasingly important.

What you'll learn

Throughout this course, you will explore:

- Cybersecurity fundamentals
- Common cyber threats
- Network security
- Operating system security
- Authentication and access control
- Data protection
- Incident response
- Basic security practices

You will also complete quizzes and a final assessment to evaluate your understanding.

Course Structure

Module 1 – Introduction to Cybersecurity

Module 2 – Cyber Threats

Module 3 – Network Security

Module 4 – Operating System Security

Module 5 – Authentication & Access Control

Module 6 – Data Protection

Module 7 – Incident Response

Module 8 – Final Assessment

How to Get the Most From This Course

- Complete each lesson
- Take notes
- Complete practical activities
- Attempt quizzes
- Review incorrect answers
- Complete the final assessment