

Course Description:

In today's digital age, cybersecurity skills are essential for anyone looking to navigate the online world securely and responsibly. This 12-week introductory course provides a comprehensive foundation in cybersecurity principles, practices, and tools. Designed for learners with little to no prior cybersecurity knowledge, this course focuses on key concepts and hands-on experience, helping you build essential skills for both personal digital safety and potential professional paths.

Through interactive lessons, practical exercises, and engaging discussions, students will master the foundational literature of cybersecurity, learn how to model responsible digital citizenship and strengthen their online presence through secure identity management and access control. By the end of this course, students will be prepared to understand, set up, and manage VPNs, handle identity and account security, and safeguard against common network and wireless attacks.

Duration:
12 Weeks

Course Level:
**Beginner to
Intermediate**

Delivery Mode:
**Online, Self-Paced with
Interactive Sessions**

Learning Outcomes:

Upon completion of the course, students will be able to:

- Master the core literature of cybersecurity, laying a strong foundation for further study.
- Exhibit strong digital citizenship by following safe and responsible online practices.
- Effectively manage online identities and accounts, and understand authentication mechanisms to enhance security.
- Configure and apply robust access control models for personal or organizational use.
- Set up and manage Virtual Private Networks (VPNs) to safeguard data transmission.
- Gain a clear understanding of network infrastructure, including basic networking devices and the critical role networks play in cybersecurity.
- Recognize and mitigate common wireless network vulnerabilities and attacks.

Who Should Enroll:

This course is ideal for beginners interested in cybersecurity, IT professionals seeking to broaden their skill set, and anyone who wants to enhance their digital safety practices. No prior knowledge of cybersecurity is required.

Certification:

Upon successful completion, participants will receive a certificate, marking their achievement and understanding of core cybersecurity principles and practices.