# Introduction to Cyber Security

simpl¡learn

# Table of **Contents:**

# Program **Overview:**

Simplilearn's Introduction to Cyber Security course for beginners is designed to give you a foundational look at today's cyber security landscape and provide you with the tools to evaluate and manage security protocols in information processing systems.

# Program **Features:**

> 4 hours of online self-paced learning

> Lifetime access to self-paced learning

> Industry-recognized course completion certificate

> Industry examples and case studies

# Delivery **Mode:**

Online Self learning.

# **Prerequisites:**

There are no prerequisites to take this course. Anyone with an interest in the cybersecurity field may take this course.

# Target **Audience:**

The cyber security training for beginners is ideal for professionals in any organizational role who would like to learn the fundamentals of cyber security and pursue a career in this booming field. The cyber security course also caters to C-level executives and middle management professionals who want to gain awareness of (and address) cyber security risks.

# Key Learning **Outcomes:**

By the end of this online Introduction to Cyber Security course, you will be able to:

> Understand and become familiar with the cyber security field

> Develop and manage an information security program

> Know about cyber threats, vulnerabilities, and risks

> Perform business impact analysis, and carry out disaster recovery testing

> Gain knowledge on different types of security methods and network security controls

> Know more about security governance and risk management

# Certification Details and **Criteria:**

> Complete the online self-learning course

> Complete the course-end assessment with a minimum 80% score

# Course **Curriculum:**

## Lesson 1 - Course Introduction

> Course Introduction

## Lesson 2 - Cyber Security Fundamentals

> Introduction
> Fundamentals of Cyber Security
> Threat Actors, Attacks, and Mitigation
> Security Policies and Procedures
> Cybersecurity Mitigation Methods
> Key Takeaways

## Lesson 3 - Enterprise Architecture and Components

> Introduction
> Secure Architecture
> Wireless Networks
> Network Security Controls
> Cloud, Virtualization, BYOD, and IoT Security
> Security Testing
> Key Takeaways

## Lesson 4 - Information System Governance and Risk Assessment

## Lesson 5 - Incident Management

# About **Us:**

Simplilearn is a leader in digital skills training, focused on the emerging technologies that are transforming our world. Our bended learning approach drives learner engagement and is backed by the industry's highest completion rates. Partnering with professionals and companies, we identify their unique needs and provide outcome-centric solutions to help them achieve their professional goals

For more information, please visit our website: https://www.simplilearn.com/introduction-to-cyber-security-course

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Founded in 2009, Simplilearn is one of the world's leading providers of online training for Digital Marketing, Cloud Computing, Project Management, Data Science, IT Service Management, Software Development and many other emerging technologies. Based in Bangalore, India, San Francisco, California, and Raleigh, North Carolina, Simplilearn partners with companies and individuals to address their unique needs, providing training and coaching to help working professionals meet their career goals. Simplilearn has enabled over 1 million professionals and companies across 150+ countries train, certify and upskill their employees.

Simplilearn's 400+ training courses are designed and updated by world-class industry experts. Their blended learning approach combines e-learning classes, instructor-led live virtual classrooms, applied learning projects, and 24/7 teaching assistance. More than 40 global training organizations have recognized Simplilearn as an official provider of certification training. The company has been named the 8th most influential education brand in the world by LinkedIn.

**India – United States – Singapore**