

# Introduction to Cybersecurity 2.1

## Release Notes

Last updated 22 August 2018

### Purpose

The *Introduction to Cybersecurity* course explores the field of cybersecurity. This exploratory course contains five chapters that introduce the students to:

- Safe on-line behaviors
- Different types of malware and attacks
- Protection strategies

The course also highlights the importance of cyber security professionals and outlines pathways to certification and cybersecurity careers. A Certificate of Completion will be awarded to each student after the completion of the course, the end-of-course assessment, and the end-of-course survey.

### Release Content

**Table 1.** Content included in the Introduction to Cybersecurity Course Release

Component	Description
<b>E-Learning Content</b>	5 chapters
<b>Activities</b>	6 paper-based activities 9 interactive activities
<b>Additional Resources</b>	Additional resources for all the chapters
<b>Chapter Quizzes</b>	4 quizlets 5 quizzes
<b>End-of-Course Survey</b>	1 end-of-course survey to provide feedback for the course
<b>End-of-Course Assessment</b>	1 end-of-course assessment that covers the content of the course
<b>Accessibility</b>	5 chapters containing accessible text and media text
<b>Certificate of Completion</b>	The successful completion of the end-of-course assessment and end-of-course survey are required to receive the Certificate of Completion.

## Known Issues

**Table 2.** Known Issues for the Introduction to Cybersecurity Course

Item	Description
<b>English Spelling</b>	American and British English spellings are interspersed in the text of the modules
<b>Closed Caption</b>	Use the external video link if you are having issues with the embedded video within the modules

## Course Outline

**Table 3.** Course Outline for the Introduction to Cybersecurity Course v2.0

Chapter	Title
<b>1</b>	The Need for Cybersecurity
<b>2</b>	Attacks, Concepts and Techniques
<b>3</b>	Protecting Your Data and Privacy
<b>4</b>	Protecting the Organization
<b>5</b>	Will Your Future be in Cybersecurity

## Changes from version 2.0 to 2.1

Introduction to Cybersecurity v2.0 is adapted for public release as version 2.1. The table below lists a summary of the changes.

**Table 4.** Summary of Updates from version 2.0 to 2.1

Section / Page	Description
0.0.1.2 - 0.0.1.4	Removed
1.2.1.3 Lab - Compare Data with a Hash	Added a note regarding knowledge to install Windows programs and privileges to install programs
1.2.2 The Impact of a Security Breach	Added a recent security breach example, Equifax
1.3.2 Legal and Ethical Issues in Cybersecurity	Moved to topic 5.1.1
1.3.2.2 Ethical Issues in Cybersecurity	Move to topic 5.1.1 with new graphics
3.1.1.2 Use Wireless Networks Safely	Added information about KRACK
3.1.1.4 Use Passphrase Rather than a Password	Added the recently published NIST standard for password
5.1.1 Certification Opportunities	Removed the topic
5.1.1.2 Other Cybersecurity Jobs	Moved to Topic 5.1.1 with a new title
NetAcad Advantage	Removed all references to NetAcad Advantage
Additional Resources and Activities	Removed unreachable links
Chapter Quizzes	Removed references to Packet Tracer

## Certification Exam Alignment

Not Applicable

## Support

For general assistance with curriculum, classroom, or program issues, please contact Networking Academy Support by signing into [www.netacad.com](http://www.netacad.com), then selecting Support and then Netacad Support. A window will open with Morgan, the NetAcad Virtual Assistant. You will be able to submit your question there.