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**Internet
Society**

Course Catalog

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This training program is the result of the collaboration between the Internet Society (ISOC) and the OAS through its Department of Human Development, Education and Employment (DDHEE). It is a set of 5 online courses on topics related to Internet integration and governance at the level of public policies, programs and/or projects.

This guide includes a description of each course as well as its objectives, learning outcomes and duration in order to help Ministries of Education and Ministries of Labor to designate the teams with officials according to their profiles.

Click on each course name to access the detailed information.

For additional information, please contact us at education@oas.org and trabajo@oas.org

Encryption

THE FOUNDATION FOR A SECURE AND TRUSTWORTHY INTERNET



COURSE OVERVIEW

This course consists of two main components:

- 1) an online module that is an introduction to encryption, its value and how it works, and 2) a live symposium that focuses on government use of encryption. Encryption is a key element in protecting us and our information as we go about our daily lives and as we interact with others online. It ensures that our information and our communications remain confidential, protected, and available only to those for whom we intend. It is especially important for governments to utilize encryption to support a strong digital economy and protect their own data, operations and digital services. In the symposium we will look at different examples and best practices from around the world to demonstrate how use of strong encryption helps better secure government data.

COURSE OBJECTIVES

1. Describe encryption concepts at a high level and explain how encryption works.
2. Highlight the benefits and value encryption offers to us individually and as a society in our daily lives.
3. Understand how these benefits and value apply to governments' use of encryption.
4. Review examples and best practices of government use of encryption.



LEARNING OUTCOMES

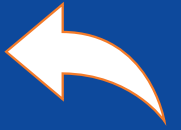
Upon completing this course, you will learn:

1. How encryption works, including different forms of encryption
2. The importance of encryption in daily life to protect data and provide security and privacy
3. Examples of where and how governments are using encryption to protect their data
4. Best practices to avoid potential pitfalls in securing data and digital services with encryption

DURATION
1 Week Online



Digital Footprints



COURSE OVERVIEW

Every day, whether we want to or not, most of us contribute to a growing portrait of who we are online—a portrait that is probably more public than we assume.

This portrait helps companies target content at specific markets and consumers, helps employers look into your background, and helps advertisers track your movements across multiple websites. Whatever you do online, you might be leaving digital footprints behind.

This course gives you an understanding of the different trails that you are leaving on the Internet and how this might affect you. While it is not possible to have zero digital footprints, the first steps toward reducing your digital footprint and managing your digital identity are simple.



COURSE OBJECTIVES

1. Understand what a digital footprint is and its benefits and costs.
2. Understand how everyday Internet users can build up a substantial digital footprint.
3. Understand the economics of the digital footprint of Internet users.
4. Learn if the loss of privacy on the Internet is considered an issue.
5. Understand the differences in digital footprints made by different devices.
6. Learn how to manage your digital footprint in your online routine.
7. Learn who tracks you around the Internet and how do they do it.
8. Gain an overview of the nuances of what a digital footprint can mean in different parts of the world.
9. Learn how privacy laws in different parts of the world can impact your digital footprint.

DURATION

Self-paced, 4 weeks



Privacy



COURSE OVERVIEW

Privacy is an important right and an essential enabler of an individual's autonomy, dignity, and freedom of expression. Yet there is no universally agreed definition of privacy. In the online context, however, a common understanding of privacy is the right to determine when, how, and to what extent personal data can be shared with others. This course gives you an understanding of how, in today's digital age, information gathering is fast, easy, and less expensive than ever. Progress on a variety of technological fronts has contributed to this new world. Personal data has become a profitable commodity. Every day, users share more personal data online, often unknowingly. The Internet of Things will increase this dramatically. These factors have the potential to expose personal data and create privacy challenges on a greater scale than ever before. This course provides a solid foundation for encouraging the development and application of privacy frameworks that apply an ethical approach to data collection and handling. These are frameworks that incorporate, among other things, the concepts of fairness, transparency, participation, accountability, and legitimacy.

COURSE OBJECTIVES

1. Learn the definition and importance of privacy.
2. Understand and reinforce user trust of online services, even as online privacy is under constant pressure of being undermined.
3. Learn how to promote strong, technology-neutral data-privacy laws, privacy-by-design principles, and ethical data-collection and handling principles on the Internet.
4. Discover how to protect and foster online privacy.

DURATION

Self-paced, 4 weeks



Internet Way of Networking

PROTECTING WHAT MAKES THE INTERNET WORK FOR EVERYONE



COURSE OVERVIEW

This course is an introduction to the Critical Properties of the Internet Way of Networking. It will help learners understand the foundation that underpins the health and success of the Internet, and how to make sure policies, regulations and business decisions don't harm what the Internet needs to reach its full potential. Without the Internet Way of Networking in place, sectors such as education and employment can struggle to unlock the benefits that come along with Internet access.

DURATION

4 Weeks Online



COURSE OBJECTIVES

1. Learn what early design decisions and key protocols helped spark the Internet.
2. Learn what the Internet Way of Networking is and the five critical properties that make up the foundation that underpins the Internet.
3. Learn how to identify threats to the Internet Way of Networking, with examples from some use cases.
4. Learn why conducting an Internet impact assessment can help prevent policies from harming the Internet, while allowing policy to achieve its intended purpose.
5. Learn about the Internet Impact Assessment Toolkit, and how it can help protect the foundation that keeps the Internet working for everyone.



LEARNING OUTCOMES

Upon completing this course, you will learn how to:

1. Improve policy decisions about the Internet
2. Identify whether a policy, technology or trend could impact or harm the Internet
3. Prevent policies and decisions from having unintended consequences for the Internet
4. Support the Internet's foundation, and why e.g. intermediary liability protections are crucial to its success.
5. Ensure that Internet-related policies can leverage digital transformation in the region



COURSE OVERVIEW

Internet Governance is an important and relevant issue. Tackling complex challenges such as data security and privacy involves diverse sets of stakeholders collaborating to find solutions. Governments have important public interest responsibilities and their participation in Internet governance dialogues is crucial. The Internet and digital technologies play a central role in society leading to an increase in the digital transformation of various industry sectors from education, health, and business; and has transforming learning, health services and work. Government officials with responsibility in various sectors – Labor, Education, Health – should participate in Internet Governance. This course will provide governments with practical skills and knowledge that is necessary for effective collaborative and multistakeholder dialogues.

DURATION

4 Weeks Online



COURSE OBJECTIVES

1. Provide an overview of Internet governance and learn about the history of the Internet.
2. Understand the Internet ecosystem and discuss the multistakeholder model.
3. Learn about the various Internet actors and stakeholders involved in the development of the Internet and its governance.
4. Provide a brief background on the Internet infrastructure, standards, protocols, and systems as a basis to understand Internet governance and cover the main Internet infrastructure and principles on which the Internet operates.
5. Understand the main foundations of Internet law and challenges in implementation and enforcement. We will also take a look into the importance of regulation on a national level to ensure a competitive, open, and accessible Internet environment.
6. Learn about the different elements of cybersecurity, from both a policy and a technical perspective. Explore types of threats, national cybersecurity frameworks, and the role of various international organizations.



LEARNING OUTCOMES

Upon completing this course, you will learn:

1. How Internet Governance is relevant to people working in education and/or employment.
2. Understand how you can become involved in Internet Governance for your sector.

