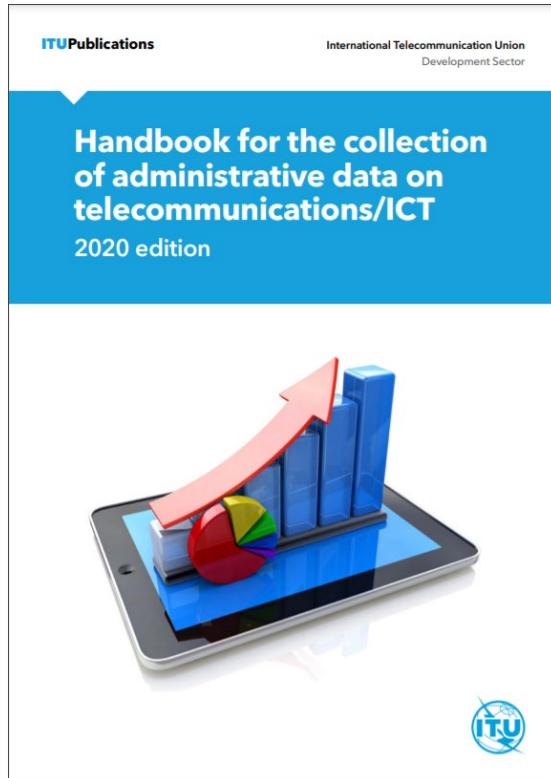


# **Measuring digital development: Telecommunication/ICT indicators**

A free online training course on ITU Academy

Daniel Vertesy, ICT Data and Analytics Division, ITU

# A training course on the Handbook



https://academy.itu.int/

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Home > Training courses > Full catalogue of courses > Measuring digital development: Telecommunication/ICT indicators

## Measuring digital development: Telecommunication/ICT indicators

**Price \$0.00**

**ENROLL FOR FREE**

**REGISTRATION**  
Start Date: 12 May 2021  
End Date: 23 Dec 2021

**EVENT DATES**  
Start Date: 01 Jun 2021  
End Date: 31 Dec 2021

**LOCATION**  
World or Multi-Regional

**TRAINING TOPICS**  
Big data and statistics

**TRAINING TYPE**  
Online self-paced

**LANGUAGES**  
English

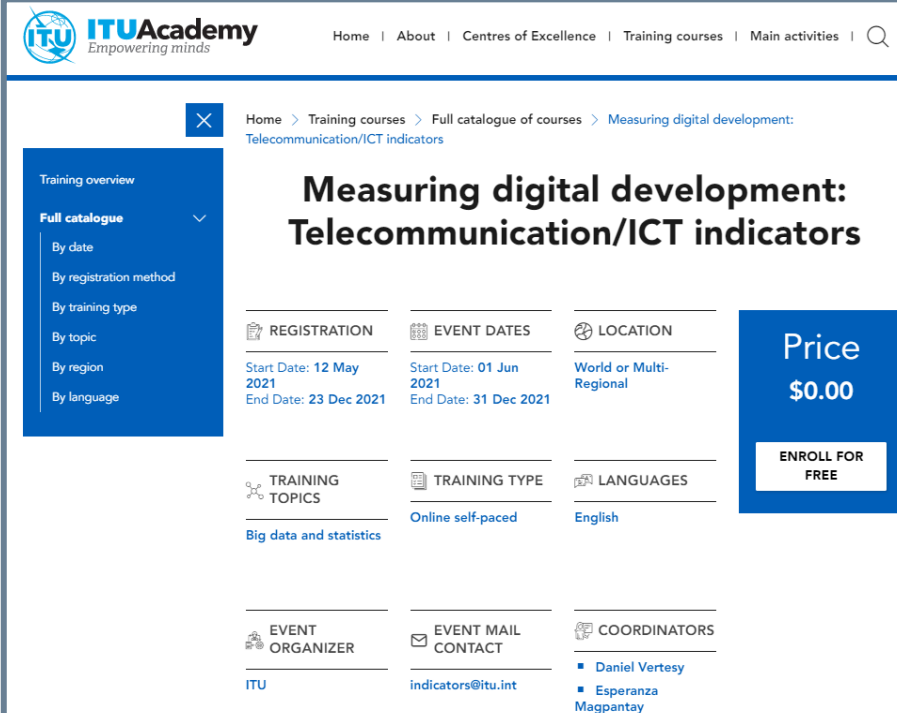
**EVENT ORGANIZER**  
ITU

**EVENT MAIL CONTACT**  
indicators@itu.int

**COORDINATORS**  
Daniel Vertesy  
Esperanza Magpantay

# Why should I take this course?

- Capacity building in a digital setting
- Offers a didactic approach to the Telecom/ICT indicators defined by EGTI and collected by ITU
- From the basics to the often-overlooked details
- Easy access:
  - Free of charge;
  - self-paced (takes around 2 days – dedicate at least half a day)



The screenshot displays the ITU Academy website interface for a specific course. The header includes the ITU Academy logo and navigation links. The main content area features a sidebar with a 'Full catalogue' menu and a central section for the course 'Measuring digital development: Telecommunication/ICT indicators'. The course details are organized into several sections: Registration (Start Date: 12 May 2021, End Date: 23 Dec 2021), Event Dates (Start Date: 01 Jun 2021, End Date: 31 Dec 2021), Location (World or Multi-Regional), Training Topics (Big data and statistics), Training Type (Online self-paced), Languages (English), Event Organizer (ITU), Event Mail Contact (indicators@itu.int), and Coordinators (Daniel Vertesy, Esperanza Magpantay). A prominent blue box on the right indicates the price is \$0.00 and includes an 'ENROLL FOR FREE' button.

REGISTRATION	EVENT DATES	LOCATION	Price
Start Date: 12 May 2021 End Date: 23 Dec 2021	Start Date: 01 Jun 2021 End Date: 31 Dec 2021	World or Multi-Regional	\$0.00

TRAINING TOPICS	TRAINING TYPE	LANGUAGES
Big data and statistics	Online self-paced	English

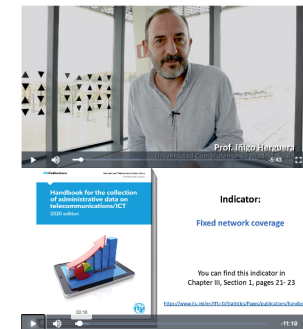
EVENT ORGANIZER	EVENT MAIL CONTACT	COORDINATORS
ITU	indicators@itu.int	Daniel Vertesy Esperanza Magpantay

# What will I learn?

- 5 modules / can be taken separately

Fixed telephone indicators	Mobile-cellular network indicators	Internet, traffic and bundled services	Financial, broadcasting and QoS Indicators	ICT Prices indicators
<ul style="list-style-type: none"><li>• Coverage</li><li>• Subscriptions</li><li>• Breakdowns,</li><li>• Etc.</li></ul>	<ul style="list-style-type: none"><li>• Coverage</li><li>• Subscriptions</li><li>• Mb. broadband</li><li>• Spectrum</li><li>• Etc.</li></ul>	<ul style="list-style-type: none"><li>• Bandwidth</li><li>• Fx. Broadband</li><li>• Traffic</li><li>• Roaming</li><li>• Bundles,</li><li>• Etc.</li></ul>	<ul style="list-style-type: none"><li>• Employment,</li><li>• Investment,</li><li>• Revenues,</li><li>• Multi-channel TV,</li><li>• QoS</li></ul>	<ul style="list-style-type: none"><li>• ICT price baskets (1-5)</li></ul>

- Recorded videos cover the different chapters of the *Handbook*





academy\_ems\_2323

Participants

Badges

Competencies

Grades

General

About the course

Module 1: Fixed network indicators

Module 2: Mobile-cellular network indicators

Module 3: Internet, traffic and bundled services

Module 4: Financial, broadcasting and QoS Indicators

Module 5: ICT Prices indicators

Conclusion

## Module 3: Internet, traffic and bundled services

Session 11

22 sessions

Session 11: International bandwidth

Learn about the difference between lit and used capacity

Chapter III, Section 3, pp. 71-76

Videos

Session 12

Direct reference to Handbook sections

Session 12A: Fixed internet and broadband subscriptions

How to measure fixed internet and fixed broadband subscriptions? Learn about SDG indicator 17.6.1

Chapter III, Section 3, pp. 76-86

Session 12B: Leased lines

Learn how to measure leased lines or private connections?

Chapter III, Section 4, pp. 87-89

Session 12 Quiz 1

Quizzes

Flashcards

Session 13

Learning tools

Session 13: Bundles

Learn about indicators on telecom services marketed together (e.g. double- or triple-play services)

Chapter III, Section 4, pp. 89-93

Session 13 Quiz 1

Session 14

# Do I get a certificate for completing course?



- Evaluation = tests (multiple choice questions, quizzes, computation)
- Complete a module (60% pass mark) → badge
- 5 badges → Certificate of course completion

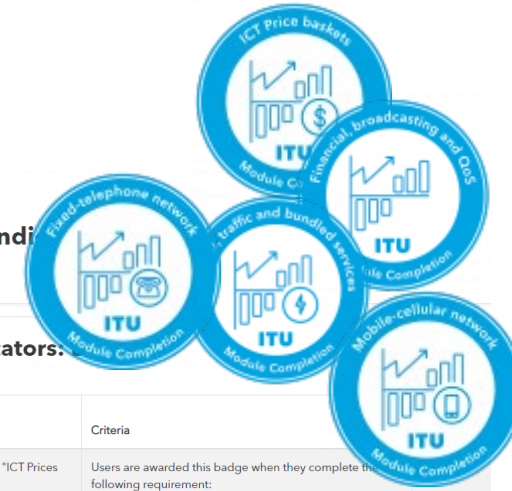
## Measuring digital development: Telecommunication/ICT indicators

Dashboard > My courses > academy\_ems\_2323 > Badges

## Measuring digital development: Telecommunication/ICT indicators

Number of badges available: 5

Image	Name	Description	Criteria
	Badge Measuring digital development: Telecommunication/ICT indicators: Module 5	This badge rewards your completion of Module 5 on "ICT Prices indicators" Congratulations!	Users are awarded this badge when they complete the following requirement: <ul style="list-style-type: none"><li>• ALL of the following activities are completed:<ul style="list-style-type: none"><li>◦ "Choice - Tell us what you think"</li><li>◦ "Quiz - Session 22 Quiz 1"</li><li>◦ "File - Session 22A: Prices for mobile services - Overview"</li><li>◦ "File - Session 22B: Mobile voice and SMS basket"</li><li>◦ "File - Session 22C: Mobile broadband data and voice and data-only baskets"</li><li>◦ "File - Session 22D: Fixed broadband basket"</li></ul></li></ul>
	Badge Measuring digital development: Telecommunication/ICT indicators: Module 4	This badge rewards your completion of Module 4 on "Financial, broadcasting and QoS Indicators" Congratulations!	Users are awarded this badge when they complete the following requirement: <ul style="list-style-type: none"><li>• ALL of the following activities are completed:<ul style="list-style-type: none"><li>◦ "Quiz - Session 19 Quiz 1"</li><li>◦ "Quiz - Session 20 Quiz 1"</li><li>◦ "File - Session 18A: Employment"</li><li>◦ "File - Session 18B: Investment"</li><li>◦ "File - Session 19: Revenues"</li><li>◦ "File - Session 20: Multichannel TV subscriptions"</li><li>◦ "File - Session 21: QoS"</li></ul></li></ul>



# How do I sign up?

<https://academy.itu.int/training-courses/full-catalogue/measuring-digital-development-telecommunicationict-indicators>

- Create an account
- Sign up for course (open until end 2021)



The screenshot shows the ITU Academy interface. The top navigation bar includes the ITU Academy logo, the language 'English (en)', and the user name 'Daniel Vertesy'. The left sidebar contains a menu for the course 'academy\_ems\_2323', listing options like Participants, Badges, Competencies, Grades, General, About the course, and five modules: Fixed network indicators, Mobile-cellular network indicators, Internet, traffic and bundled services, Financial, broadcasting and QoS Indicators, and ICT Prices indicators. The main content area displays the course title 'Measuring digital development: Telecommunication/ICT indicators' and a breadcrumb trail: Dashboard > My courses > academy\_ems\_2323. Below the title is a 'Your progress' section with a circular progress indicator. A featured image shows the cover of the 'Handbook for the collection of administrative data on telecommunications/ICT 2020 edition'. At the bottom, there is an 'Announcements' section and a heading for 'About the course'.

# Thank you!

[indicators@itu.int](mailto:indicators@itu.int)

