



**ITU Centres of Excellence Network for Asia-Pacific  
National Information Society Agency (NIA)  
Online Training Course on  
Government innovation based on emerging technologies**

**4 – 29 November 2020**

**COURSE OUTLINE**

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**COURSE DESCRIPTION**

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Title	<b>Government innovation based on emerging technologies</b>
Objectives	This course aims to equip participants with the skills to improve the quality of public service through government innovation using emerging technologies and recognize the importance of building a trustworthy government
Dates	4 – 29 November 2020
Duration	4 weeks
Registration deadline	3 November 2020
Training fees	Free
Course code	<b>200I24885ASP-E</b>

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**LEARNING OUTCOMES**

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Upon completion of this training course, participants will acquire:

- Knowledge about Digital Transformation and technologies driving Digital Transformation.
  - Key perspective and vision on the paradigms of Government in the digital transformation.
  - Knowledge about Digital Government cases applying new technologies(e.g.AI, Big data, Cloud, etc.) and ConsiderationsKnowledge about issues and solutions on digital government (e.g. digital inclusion, security, privacy etc.).
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## TARGET POPULATION

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This course is primarily targeted at participation of central and regional governmental officials who are in charge of digital government and ICT project.

## TUTORS/INSTRUCTORS

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- Choong-Sik Chung, Professor, KyungSung University
- Unho CHOI, Professor, Sogang University
- Taewoo Nam, Professor, Sungkyunkwan University
- Sungsoo Hwang, Professor, Yeungnam University

## EVALUATION

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Besides the tests and their assignment score, participants will be evaluated according to their substantive posts on the discussion forum. The evaluation details and criteria for certificates is as follows.

Quiz #1	20%
Quiz #2	20%
Quiz #3	20%
Individual Assignment	20%
Discussion Forum	20%
<b>Total Evaluation:</b>	<b>100%</b>

**IMPORTANT:** A PASSING MARK OF 60% IS REQUIRED FOR OBTAINING A COMPLETION CERTIFICATE.

## TRAINING SCHEDULE AND CONTENTS

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Week	Day, Date	Schedule and content
Week 1	Module 1: Understanding of Digital Transformation and Latest ICT	<ul style="list-style-type: none"><li>• Understanding Digital Transformation(<b>Video Lecture, Material</b>)</li><li>• Understanding Digital Government as a Paradigm Shift(<b>Video Lecture, Material</b>)</li><li>• Policies of Major Countries Responding to Digital Government(<b>Video Lecture, Material</b>)</li><li>• Leading Technologies for Digital Transformation(<b>Video Lecture, Material</b>)</li></ul>
		Quiz 1

<b>Week 2</b>	Module 2: Cases and Considerations of Applying the Cutting edge Technology to Government Services	<ul style="list-style-type: none"> <li>• Cases of Digital Government Transformation in Korea(<b>Video Lecture, Material</b>)</li> <li>• Key issues and Actions to Consider for Successful Digital Government Transformation(<b>Video Lecture, Material</b>)</li> </ul>
		Quiz 2
<b>Week 3</b>	Module3: Issues and Countermeasures for Successful Digital Government	<ul style="list-style-type: none"> <li>• Digital Inclusion (<b>Video Lecture, Material</b>)</li> <li>• New Information Security Service in Government(<b>Video Lecture, Material</b>)</li> <li>• Privacy (<b>Video Lecture, Material</b>)</li> </ul>
		Quiz 3
<b>Week 4</b>	Module 4	Individual Assignment
		Discussion / Forum

## METHODOLOGY

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**Video Lectures:** Each three module will be available for the video lectures that introduce the topics of the module. (Nine video lectures will be available for the first three weeks of the module.)

**Course materials:** Each three module will be available for the course material on the website.(Nine materials will be available for the first three weeks of the module.)

**Online Discussion Forums:** Participants are expected to participate actively in discussion forums on selected topics throughout the week.

**Quizzes:** Three mandatory quizzes will be held during the course

**Assignment:** There will be a mandatory assignment for the course

Please see the section on Evaluation for details.

Course evaluation and feedback would be done at the end of the course and is a part of the mandatory activity.

## COURSE COORDINATION

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Mr. Sean Doral ([sean.doral@itu.int](mailto:sean.doral@itu.int)) from the ITU and Ms. Heeheun Lee ([hhlee@nia.or.kr](mailto:hhlee@nia.or.kr)) from the NIA are at your full disposal should you require any additional information.

## REGISTRATION

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Registration should be made online at the ITU Academy portal.

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To be able to register for the course you **MUST** first create an account in the ITU Academy portal at the following address: <https://academy.itu.int/index.php/user/register>

## **COURSE REGISTRATION**

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When you have an existing account or created a new account, you can register for the course online at the following link: <https://academy.itu.int/index.php/training-courses/full-catalogue/government-innovation-based-emerging-technologies>

You can also register by finding your desired course in our training catalogue <https://academy.itu.int/training-courses/full-catalogue>

*Please note that online registration should be done **before 3 November 2020**.*

## **Online Payment**

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This course is being offered free of charge to participants with support from NIA. The participants (or their entities) will have to cover their own internet access costs for participation.