ITU Centres of Excellence Network for Asia-Pacific
China Academy of Information and Communications Technology

Online Training Course on

Conformity and Interoperability relating to Industrial Internet

16-28 August, 2021

TRAINING COURSE OUTLINE (ONLINE)

COURSE DESCRIPTION

Title	**Conformity and Interoperability relating to Industrial Internet**
Objectives	• To build knowledge of participants on the general development of industrial internet and its contribution to society and economic development • To build knowledge of participants on the key technologies of industrial internet and the industrial internet identifier system. • To know about the typical industrial internet platforms provided by Chinese companies
Dates	16-28 August 2021
Duration	2 Weeks
Registration deadline	10 August 2021
Training fees	Free
Course code	21OI26614ASP-E

DESCRIPTION OF THE TRAINING COURSE

This course will help the participants to build the general knowledge of industrial internet, including the overview development, key technologies related to industrial internet, industrial internet identifier system and typical industrial internet platforms. This course will not cover the security issues in the industrial internet.

LEARNING OUTCOMES

The course is expected to achieve the following outcomes:

- Know about the overall development of industrial internet and its contribution to social and economy development

- Build knowledge about key technology related to industrial internet and the industrial internet identifier system

- Acquire knowledge on the industrial internet platforms in China ; and

- Increase the opportunities for international cooperation.

TARGET POPULATION

The course is targeted ICT professionals and engineers, decision-makers, managers, equipment suppliers and operators interested in learning about industrial internet and its key technologies. Non-ICT professionals and students that are seeking to understand the industrial internet platforms, identifier systems are also welcome to participate.

ENTRY REQUIREMENTS

The participants are expected to have basic knowledge of ICT.

TUTORS/INSTRUCTORS

Experts from CAICT, industrial internet platform providers, ITU and other partners.

TRAINING COURSE CONTENTS

The training course will cover the following contents:

1.The overall development of industrial internet and its contribution to society and economic development

2.The key network technologies, such as 5G, time-sensitive networking, block-chain etc and their application in the industrial internet

3.The typical industrial internet platforms provided by Chinese companies and the interoperability issues.

4.The main industrial internet identifier systems and related conformity issues; the key technologies used in industrial internet identifier systems and their application.

TRAINING COURSE SCHEDULE

Week / Session	Topic	Exercises and interactions
Week 1	The overall development of industrial internet	A quiz will be provided to evaluate the learning effects of participants, and tutors will be online to respond to any questions raised by participants.
Week 2	The application of industrial internet across different sectors and typical platforms	A quiz will be provided to evaluate the learning effects of participants, and tutors will be online to respond to any questions raised by participants.

METHODOLOGY (Didactic approach)

Course Materials: The relevant course material will be made available on the website, which will include presentations, practical cases introduction, etc.

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

Chat Sessions: Online chat sessions with the Tutor will take place on Wednesday from 14:00 – 15:00 Hrs. Beijing Time (GMT +8). All participants are expected to join the chat sessions to interact with tutors.

Quizzes: 2 mandatory online quizzes will be held at the end of each week of the course

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

EVALUATION AND GRADING

Besides the tests and their assignment score, participants will be evaluated according to their substantive posts on the discussion forum and other course activities, reflecting both the quantity and quality of time spent on the course. The evaluation details and criteria for certificates is as follows.

Quiz1:	30%
Quiz2	30%
Individual Assignment	20%
Discussion Forum1	10%
Discussion Forum2	10%

Total Evaluation:	100%

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

TRAINING COURSE COORDINATION

Course coordinator:	ITU coordinator:
Name:WANG Ying Email address: wangying@caict.ac.cn	Name:Sean Sharidz Doral Email address:sean.doral@itu.int

REGISTRATION

ITU Academy portal account

Registration should be made online at the ITU Academy portal.

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/user/register

Training course registration

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/training-courses/full-catalogue/conformity-and-interoperability-relating-industrial-internet.

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