PROJECT NOTIFICATION

Ref. No.: 21-CP-33-GE-DLN-A-PN2100068-001

Date of Issue	04 September 2021
Project Code	21-CP-33-GE-DLN-A
Title	Self-learning e-Course on Cloud Solutions for Enhanced Productivity in the Service Sector
Launch Date	12 November 2021
Hosting Country(ies)	APO Secretariat
Modality	Digital Learning
Implementing Organization(s)	APO Secretariat
Participating Country(ies)	Open
Overseas Participants	Not Applicable
Local Participants	Not Applicable
Qualifications of Participants	Open
Nomination of Participants	Not Applicable
Closing Date for Nominations	Not Applicable

1. Objectives

a. Discuss the most recent cloud solutions, concepts, tools, and methodologies for service-sector digital transformation.

b. Introduce innovation-led productivity improvements for service-sector organizations within the context of Industry 4.0 technologies, including cloud computing, cloud-native architecture, and cloud-based solutions.

2. Background

In this digital age, with the world in the midst of a massive shift to the cloud, cloud computing skills are indispensable to help organizations transform their businesses. Worldwide cloud industry spending is expected to grow from USD257 billion in 2020 to USD364 billion in 2022 (Gartner, 2020), representing a 41% increase in just two years. As the cloud industry continues to grow, so will the demand for IT talent, presenting significant opportunities for both entry-level and experienced IT professionals alike. As this trend continues, it will be the source of new jobs over the next decade for cloud-native workers. This e-learning course aims to enable participants to build up basic skills in using cloud solutions for service-sector organizations.

The acceleration of cloud innovations in the healthcare sector offers new, exciting potential for future workers. While many other sectors struggle to survive during the pandemic, healthcare is one of the very few sectors that are thriving and making various breakthroughs, thus lending further strength to its resilience.

This e-learning course will acquaint participants with the value of the cloud, share examples of its applications in healthcare, and review cloud services for the healthcare sector. It will specifically examine how cloud computing technology can play important roles in the future of the healthcare sector and related services, which is especially relevant in the post-COVID-19 new normal. The course will also explain various cloud solutions that can increase productivity in other service subsectors. The knowledge gained will promote smart transformation efforts across APO member countries.

3. Modality of Implementation

a. The course is offered through the APO e-learning platform: http://eAPO-tokyo.org

b. Participants should register on this portal and create their own accounts.

c. Certificates of completion will be provided for those who satisfactorily complete all the modules of the course, including quizzes and a final examination.

4. Scope and Methodology

The course will comprise five modules:

Module 1:
Introduction to the cloud and cloud computing

Module 2:
Applications of cloud solutions in the service industry

Module 3:
Relationship between cloud technologies and labor productivity in service-sector organizations

Module 4:
Case studies of cloud-driven productivity in the service industry

Module 5:
Summary of concepts and future directions

Final examination

Methodology
Module study, additional study material for participants, quizzes for self-assessment, and a final examination.

5. Requirement

    a. Have necessary devices and software comprising a computer/smartphone, updated browser, microphone, and speaker or headphones.

    b. Access to internet connections.

    c. Completion of all the modules, quizzes, and final examination.

    d. The APO e-certificate will be given to participants who score a minimum of 70% on the final examination.

6. Financial Arrangements

The APO will meet the assignment costs for resource persons to develop the course modules including quizzes and a final examination.

7. Actions by Member Countries

    a. Promote the courses nationwide.

    b. Provide the link to the APO e-learning platform on the NPO's website and social network services.

8. Implementation Procedures

    a. Identify and assign the resource person(s) to develop the course.

    b. Announce course commencement on the APO website and social network services.

Dr. AKP Mochtan
Secretary-General