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SUBJECT: Implementing Guidelines on the Deployment of Competency Standards (CS) for Cloud Infrastructure Technical Services Level III		Page 1 of 5 pages Number 003 series of 2025
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In the interest of the service and to provide quality and uniform program delivery, the following Guidelines in the deployment of the Competency Standards (CS) for **Cloud Infrastructure Technical Services Level III** are hereby issued:

I. BACKGROUND/LEGAL BASIS

A. By virtue of Republic Act No. 7796, otherwise known as the "TESDA Act of 1994," TESDA is empowered to establish and administer National Trade Skills Standards (NTSS). Over time, the NTSS has evolved in line with the country's shift towards technology-driven industries such as cloud computing. The demand for cloud infrastructure specialists is rapidly increasing, requiring updated competency standards that reflect global best practices. TESDA is mandated to ensure that the Filipino workforce is equipped with the necessary skills, thus driving long-term economic development and competitiveness, especially in emerging sectors like cloud computing.

B. TESDA Circular No. 009 s 2024 on Implementing Guidelines on Adopt-Adapt Strategies for Competency Standards/Training Review and Development promotes the continuous enhancement of training programs, particularly for high-demand sectors. By incorporating adopt-adapt strategies, TESDA accelerates the development of competency standards to meet the demands of industries like cloud computing.

C. The **National Technical Education and Skills Development Plan (NTESDP) 2023-2028** included cloud computing as one of the Trends and Forecasts within technology adoption to which industries will have to modify their workforce skills requirements to suit the needs of the future operations. Specifically, cloud computing and use of cloud environments has been identified as one of the emerging skills in the Health, Transportation and Logistics Sectors for the next five years. The **TESDABest 8-Point Agenda**, particularly in **Point 4: Demand-Driven and Data-Driven TVET**, is anchored on this, ensuring that training programs are aligned with market needs and guided by labor market intelligence.

D. The **TESDABest 8-Point Agenda**, under **Point 3: Competency Standards and Training Regulations (TRs) for New and Higher-Level Qualifications**, also reinforces the development of high-skill jobs in sectors such as cloud computing. TESDA's proactive stance in establishing and updating competency standards ensures that the Filipino workforce remains agile in the face of rapid technological changes. The Cloud Infrastructure Technical Services Level III is a prime example of TESDA's commitment to developing qualifications that cater to high-demand, high-skill jobs in the global market.

E. As cloud infrastructure becomes essential to the operations of many businesses, TESDA's commitment to **Point 5: Employment Outcomes** ensures that graduates of cloud computing programs, like the Cloud Infrastructure Specialist, are not only employable but also positioned for career progression. This training program will enable learners to meet the workforce demands of both local and international markets, enhancing the employability and upward mobility of TVET graduates.

F. TESDA's **Point 1: Access to TVET** and **Point 6: Flexible Learning and Facilities** also resonate with the Cloud Infrastructure Specialist program, as the training incorporates various learning modalities and provides access to scholarships and assessments. These strategies aim to increase participation, especially from marginalized communities, allowing more Filipinos to benefit from the opportunities that cloud computing presents.

G. The competency standards for Cloud Infrastructure Technical Services Level III were developed through collaborative efforts with industry experts, local and international stakeholders, and technical professionals. The development and validation of these standards, conducted by the **eCloudvalley Technology (Philippines), Inc.**, **Southern Luzon Technological College Foundation, Inc.**, and the **TESDA National Capital Region (PaMaMariSan District)** and **NCR Regional Office facilitators**, were aligned with both local and global demands of the cloud computing industry, ensuring that the qualifications meet the needs of the labor market.

H. The **TESDABest 8-Point Agenda**, particularly **Point 7: Global Competitiveness and Good Housekeeping**, highlights the importance of aligning TVET programs with international standards. The Cloud Infrastructure Technical Services Level III qualification ensures that Filipino workers are globally competitive and well-equipped to manage cloud infrastructure, whether for local businesses or multinational organizations. This alignment enhances both the employability of graduates and the reputation of the Philippines as a hub for cloud computing talent.

II. OBJECTIVES

A. To immediately respond to the industry skills requirements for cloud solutions specialist with the goal to produce competent individuals equipped with 21st Century Skills and compliant with the existing industry standards and practices;

B. To ensure that the education and training providers shall deliver the programs in accordance with the abovementioned CS as required by the cloud computing industry.

III. SCOPE/COVERAGE

This CS shall be the basis for the development of the Competency-based Curriculum (CBC) which shall be submitted by the education and training providers registering the program with the TESDA Provincial/District Offices.

IV. IMPLEMENTATION MECHANICS

A. Utilization of the Developed CS

1. To ensure utilization of this CS, all Regional/Provincial/District Directors shall immediately advocate/encourage the registration of abovementioned program; and

2. Copy of the CS will be made available and can be downloaded from the TESDA website.

B. Program Registration

1. All Regional/Provincial/District Directors are hereby instructed to process applications for program registration as "No Training Regulations" (NTR) following the Omnibus Guidelines on Technical Vocational Education and Training (TVET) Program Registration (TESDA Circular No. 107 series of 2021) and within the allowable process cycle time (PCT) of three (3) working days indicated in the existing guidelines (TESDA Circular No. 073, Series of 2019). Further, the education and training providers shall develop and submit the competency-based curriculum with number of training hours and appropriate lists of tools, materials, equipment and facilities for training and assessment.

2. To standardize the program implementation and ensure that they are in accordance with the CS, the Qualifications and Standards Office (QSO) and Regional and Provincial/District Offices (ROPO/DO) shall assist in the development of the Competency-Based Curriculum (CBC).

3. The following codes shall be applied for this CS:

Qualification Title	**Cloud Infrastructure Technical Services Level III**
Qualification Code	**AB-ICTCIS1381200324**

Unit Code	Unit Title
Basic Competencies	
400311319	Lead workplace communication

400311320	Lead small teams
400311321	Apply critical thinking and problem-solving techniques in the workplace
400311322	Work in a diverse environment
400311323	Propose methods of applying learning and innovation in the organization
400311324	Use information systematically
400311325	Evaluate occupational safety and health work practices
400311326	Evaluate environmental work practices
400311327	Facilitate entrepreneurial skills for micro-small-medium enterprises (MSMEs)
Common Competencies	
ICT315202	Apply quality standards
ICT311203	Perform computer operations
Core Competencies	
AB-ICT1381200133301	Conduct provisioning of cloud infrastructure resources
AB-ICT1381200133302	Manage access permissions in the cloud environment
AB-ICT1381200133303	Configure cloud resources monitoring services
AB-ICT1381200133304	Implement Backup and Recovery Plans
AB-ICT1381200133305	Troubleshoot cloud infrastructure issues

C. Institutional Assessment of Graduates

1. The education and training providers shall ensure the conduct of institutional assessment after the completion of the training program; and

2. The education and training providers (including the enterprises where trainings are conducted) shall issue the Training Certificate after completion of the training and passing the institutional assessment of graduates.

V. SCHOLARSHIP PROVISION

1. A scholarship training subsidy shall be allocated/provided to enrollees of the registered training program under the existing guidelines; and

2. Training cost shall be computed based on the submitted curriculum where the training hours and list of tools, materials and equipment are indicated.

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VI. RISK MANAGEMENT

The wide implementation of this program has potential risks, such as but not limited to the following:

1. Standard implementation of competency standard across all regions.
2. Limited number of registered training providers to offer CS.
3. Non-existence of policy to address the migration of No Training Regulations (NTR) programs to NTR with Competency Standards (CS)

To mitigate, if not eliminate the risks, the following measures shall be undertaken.

1. Deploy the competency standards and its implementing guidelines for common understanding and uniform implementation.
2. For the Regional and Provincial/District Offices (ROPO/DO) to extensively encourage providers to utilize the CS for program registration.
3. To discuss with relevant offices on the development of policy on migrating NTR programs with developed CS.

VII. MONITORING AND FEEDBACK SYSTEM

1. The Regional and Provincial/District Offices (ROPO/DO) shall closely monitor the implementation of the registered programs under these CS; and

2. The Regional and Provincial/District Offices (ROPO/DO) shall require the education and training providers with registered program under this CS to report the enrolled, graduates and employed in the T2MIS as part of the regular monitoring and feedback system.

VIII. EFFECTIVITY

This Circular shall take effect as indicated. Wide dissemination of this Circular by all concerned is hereby enjoined.

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