# TESDA CIRCULAR

| SUBJECT: Implementing Guidelines on the Deployment of Competency Standards (CS) for Basic 3D Building Information Modelling Level III | | Page 1 of 4 pages<br><br>Number 097 series of 2020 |
|---|---|---|
| **Date Issued:**<br>10 September 2020 | **Effectivity:**<br>Immediately | **Supersedes:** |

*In the interest of the service, the following Guidelines in the deployment of the* Competency Standards (CS) for **Basic 3D Building Information Modelling Level III** are hereby issued:

## I. BACKGROUND/RATIONALE

1. The **TESDA CY 2018 Planning Guidelines** under B.1.3 **"Adapt and Adopt"** policy shall be pursued in the development of competency standards and Training Regulations, particularly for high-end technologies, higher level qualifications using the available off-the-shelf competency standards developed by the industries, multi-bilateral agencies and international development partners;

2. In line with the TESDA's efforts to perform its mandate and serve the people amidst the ongoing COVID-19 pandemic, ***OPLAN TESDA Abot Lahat: TVET Towards a New Normal*** was formulated. TESDA thru the Qualifications and Standards Office (QSO) shall prioritize developing and updating Training Regulations (TRs)/Competency Standards (CS) in priority sectors identified which ensure food security and availability by capacitating the communities to become food production sites, building capacities in preventing and suppressing further transmission of COVID-19, and in providing skills to Filipinos and a job and livelihood after; and

3. The abovementioned Competency Standards (CS) were developed through the Philippine Constructors Association, Inc. (PCA) and in consultation with the practitioners and technical experts in the industry.

## II. OBJECTIVES

1. To immediately respond to industry skills requirement for Basic 3D Building Information Modelling with the goal of producing competent individuals equipped with the 21st Century Skills and compliant with the existing industry standards, technology and practices;

2. To provide competent human resources for Basic 3D Building Information Modelling under the Construction Sector; and

3. To ensure that the education and training providers shall deliver the programs in accordance with the above-mentioned CS as required by the Construction Sector.

## 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 at the TESDA Provincial/District Offices.

## IV. IMPLEMENTATION MECHANICS

### A. Utilization of the Developed CS

1. To ensure the 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 Amended Omnibus Guidelines under the Unified TVET Program Registration and Accreditation System (TESDA Circular No. 07, Series of 2016) 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 the 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 National Institute for Technical Education and Skills Development (NITESD) and Regional Offices/Provincial/District Offices (RO/POs) shall assist in the development of the Competency-Based Curriculum (CBC).

### C. Trainee Entry Requirements

Trainees or students wishing to gain entry into this course must possess the following requirements:

- Must possess good communication skills;
- Can perform basic mathematical computation and mensuration; and
- Holder of National Certificate Level II in Technical Drafting or at least a graduate of Senior High School with elective in drafting or with at least one (1) year work experience as technical draftsman or AutoCAD Operator

**D. Trainer's Qualification**

The trainer shall have the following qualifications:

- Must be a holder of Trainer's Methodology Certificate (TMC) OR must *have trainer's certificate OR must be a practicing trainer for two (2) years* within the last five (5) years; and
- Must have at least three (3) years industry experience in Basic 3D Building Information Modelling for Mechanical, Electrical, Plumbing and Sanitary (MEPS) or Architectural and Structural layout and details.

**E. 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.

**F. Scholarship Provision**

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

## V. MONITORING AND FEEDBACK SYSTEM

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

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2. The ROPO 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.

## VI. EFFECTIVITY

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

**SEC. ISIDRO S LAPEÑA, PhD, CSEE**
Director General