

Republic of the Philippines
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY
East Service Road, South Luzon Expressway, Taguig, Metro Manila

144th TESDA BOARD MEETING
29 May 2024, Wednesday, 1:30 P.M.
TESDA Board Room, 7th Floor, TESDA Main Building
Taguig City

Resolution No. 2024 - 04
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**APPROVING THE RECOGNITION OF THE
DIPLOMA PROGRAM STANDARDS IN AGRICULTURAL TECHNOLOGY**

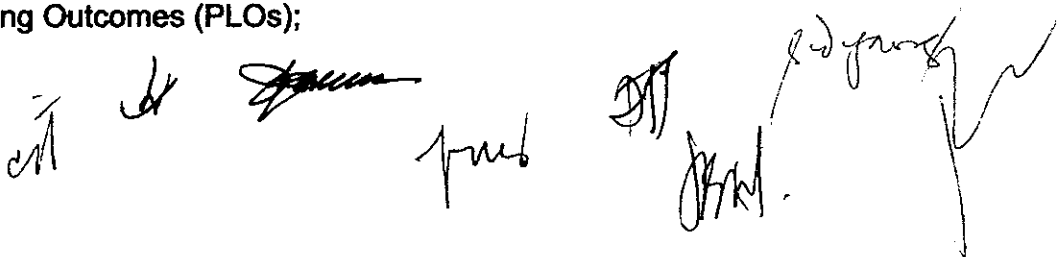
WHEREAS, Section 14 (b) of Republic Act No. 7796 mandates that TESDA shall develop and establish a national system of skills standardization, testing, and certification and conduct research and development on various occupational areas in order to recommend policies, rules, and regulations for effective and efficient skills standardization, testing, and certification system in the country;

WHEREAS, on 16 January 2018, Republic Act No. 10968 entitled "An Act Institutionalizing the PQF, Establishing the PQF-National Coordinating Council (NCC) and Appropriating Funds Therefor" was enacted, to institutionalize the Philippine Qualifications Framework (PQF), which sets the standards for qualification outcomes;

WHEREAS, the Philippines has been engaged in the process of referencing the PQF with the ASEAN Qualifications Reference Framework (AQRF), which is a regional framework that enables comparisons of qualifications across the ASEAN Member States (AMS) towards greater mobility of students and professionals within the ASEAN region;

WHEREAS, as part of the referencing process stipulated in the AQRF Referencing guidelines, the Philippines has to undergo the procedure of including Qualifications in a national database of quality-assured qualifications, known as the "Philippine Qualifications Register (PhQuaR)";

WHEREAS, TESDA developed a Diploma level qualification aligned with the descriptors of the PQF, benchmarked with ASEAN Mutual Recognition Arrangements (MRAs), among others, and issued TESDA Circular No. 38 series of 2017 - "Implementing Guidelines for the Program Under PQF Level V (Diploma) Pilot." The Diploma programs covered by this Circular are described by the agreed/developed seventeen (17) Program Learning Outcomes (PLOs);



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WHEREAS, the Ladderized Education Act or Republic Act No. 10647 institutionalizes the "...ladderized interface between technical-vocational education and training and higher education to open the pathways of opportunities for career and educational progression of students and workers, create a seamless and borderless system of education, empower students and workers to exercise options or choose when to enter and exit in the educational ladder, and provide job platforms at every exit as well as the opportunity to earn income;"

WHEREAS, the Diploma Program Standards in Agricultural Technology and its curriculum were co-developed by MARCOS Agro-Industrial School (MAIS), LASAM Institute of Technology (LIT), Quezon National Agricultural School (QNAS) with consultations from the academe, industry partners from the agriculture sectors and TESDA Regional Offices, with higher education institutions (HEIs) and technical vocational institutions (TVIs) and were presented in different fora such as the Policy and Planning Cluster, the Inter-Cluster meetings, and regional stakeholders FGD consultations.

WHEREAS, the curricula developed are aligned with the PQF level V descriptors and packaged towards the attainment of the 17 Program Learning Outcomes (PLOs) with their corresponding Performance Indicators (PIs) function as either to Introduce (I), Enhance (E) or Demonstrate (D) the PLO.

WHEREAS, the TVIs that will offer a Diploma Program in Agricultural Technology must first secure a Certificate of Recognition for Diploma Program (CRDP) from the respective TESDA Regional Offices before they can offer such a program.

WHEREAS, the Regional/ Provincial Offices (ROPOs) shall evaluate the program documents in accordance with the Implementing Guidelines on the Diploma Program Standards in Agricultural Technology with existing issuances related to Diploma Programs such as TESDA Circular 119, s. 2021; TESDA Circular 018, s. 2023; and TESDA Circular 021, s. 2023. The evaluation of the Diploma Program must undergo the evaluation through Perspectives 1 through 4 of the Manual on Evaluation of PQF Level 5 (Diploma) Programs (TESDA Circular 086, s. 2019).

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WHEREAS, the Diploma in Agricultural Technology covers the following courses:

- 1) General Education and Other Non-Technical Courses per CHED CMO 20 s. 2013 can serve as a reference. The diploma program covers subjects like Mathematics in the Modern World, Purposive Communication, Science Technology and Society, Contemporary World and Ethics;
- 2) Mandated courses are composed of 7 courses that are legislated in nature such as four (4) courses on Physical Education (RA 5708), one (1) course on Life and Works of Rizal (RA 1425), and two (2) courses on NSTP (RA 9163), either Civic Welfare Training Service (CWTS), Literacy Training Service (LTS), or Reserve Officers' Training Corps (ROTC);
- 3) Theoretical courses include Principles of Soil Science, Organic Chemistry, Introduction to Agricultural Policy and Development and Principles of Agricultural Extension and Communication,
- 4) Core Technology Courses include the following:
 - Computer Application in Agriculture,
 - Basic Fabrication and Farm Structure (Farm Shop Practices and Operation),
 - Soil Fertility, Conservation and Management,
 - Crop Protection Management,
 - Water Irrigation and Management,
 - Digital Agritechology,
 - Agricultural Biotechnology,
 - Development of Agricultural Business (Microproject I),
 - Animal Health Care and Management,
 - Basic Driving (Light Vehicles),
 - Farm Machinery Operation,
 - Food Processing of Agricultural Products,
 - Implementation of Agricultural Business (Microproject II),
 - Crop Production Technology,
 - Poultry Production and Management,
 - Swine Production and Management,
 - Organic Agriculture and Integrated Farming System (Crops, Livestock, Fish),
 - Ruminant Production and Management,
 - Field Crops and Cereal Production and
 - Horticultural Crop Production and Management;

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Further, other technology courses included TR-based qualifications and covers the following:

- Agricultural Crop Production NC II,
- Animal Production (Chicken/Poultry) NC II,
- Animal Production (Swine) NC II,
- Organic Agriculture Production NC II,
- Animal Production (Ruminant) NC II,
- Agricultural Crop Production NC III, and
- Horticulture NC III and Rice Machinery Operation NC II;

WHEREAS, the Diploma Program in Agricultural Technology will adapt the Internship Program in the 3rd year instead of the Supervised Industry Learning (SIL) since internship will require a longer period of one (1) year.

WHEREAS, the Diploma Program has entry and exit points at the end of each PQF level qualification to ensure that learners who will take the program have the opportunity to land jobs and are given credit should they pursue a higher education program. The duration of the Diploma Program is three (3) years inclusive of one (1) year Internship program, local or international;

WHEREAS, the trainee entry requirements of the mentioned Diploma program are any of the following to wit:

- 1) Graduates of K to 12 and those who belong to any Senior High School track; or
- 2) Graduates under the old basic education curriculum (2017 and below); or
- 3) Those who acquired Senior High School Track equivalent under the Alternative Learning System (ALS); or
- 4) Those who have demonstrated prior learning under TESDA's policy of Recognition of Prior Learning (RPL) (TESDA Circular No. 90, s. 2021); or
- 5) Others (College graduates, college undergraduates, College/TVET dropouts);

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WHEREAS, the trainer's qualifications of the mentioned Diploma must have the following qualifications to wit:

1. Learning facilitators/trainers who will teach the General Education, Mandated and Theoretical Courses must have the following qualifications:
 - Bachelor's degree in Education or relevant field with specialization in the subjects that they will teach;
 - At least with a Master's degree in related field;
 - With at least two (2) years industry or teaching work experience.

2. Learning facilitators/trainers who will be handling technology courses with non-resultant qualifications must have the following qualifications:
 - Bachelor's degree holder relevant in the specific field or industry they will be teaching;
 - Holder of PRC license/Civil Service Professional (whichever is applicable);
 - With at least two (2) years of industry working experiences;
 - At least with a Master's degree in related field.

3. Learning facilitators/trainers who will handle **technology courses with resultant qualifications** must have the following:
 - Bachelor's degree holder relevant in the specific field or industry they will be teaching;
 - Holder of PRC license/Civil Service Professional (whichever is applicable);
 - With two (2) years of industry work experience (TESDA Circular No. 51, s. 2017 on IWER);
 - At least with a Master's degree in related field;
 - With National Certificate and a National TVET Trainers Certificate corresponding to the resultant qualification;

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WHEREAS, the general selection criteria for internship must have the following:

1. Has finished all the academic requirements of the diploma program;
2. Passed all the academic subjects (courses) with a percentage grade system of at least 75% equivalent to grade point system of 3.0 for each course (TESDA Circular 21, s. 2023);
3. Physically and Mentally (Psychologically) fit;
4. No administrative or criminal records or cases up to the time of application; and
5. Passed all the national assessment for the resultants.

WHEREAS, during the 167th Standards-Setting and Systems Development (SSSD) Committee Meeting held on 08 May 2024, the Committee deliberated upon and favorably recommended to the TESDA Board the recognition of the Diploma Program Standards in Agricultural Technology;

NOW, THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED, that the TESDA Board in its meeting today, 29 May 2024, Tuesday at 1:30 P.M., approves and recognizes the aforementioned Diploma Program Standards in Agricultural Technology.

BE IT RESOLVED, FINALLY, that:

- (1) Copies of this Resolution be published in a newspaper of general circulation, and disseminated to all concerned, and the same shall be effective fifteen (15) days after publication;
- (2) A Certificate of Completion for Diploma in Agricultural Technology shall be awarded by the education and training provider to students who completed the program;
- (3) Recognition of Diploma Program in Agricultural Technology shall ensure that all subsequent rules and regulations of TESDA pertaining to the Diploma Program Standards in Agricultural Technology shall be complied with;
- (4) Any grantee and agent/representatives shall comply with all the existing laws, rules, regulations, policies, guidelines and circulars of TESDA; and
- (5) The Diploma Program Standards in Agricultural Technology shall be subject for policy review by the TESDA Board on an annual basis.

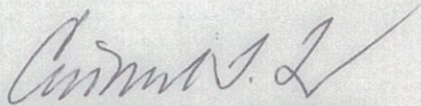
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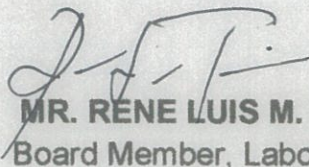
Adopted this 29th day of May 2024.



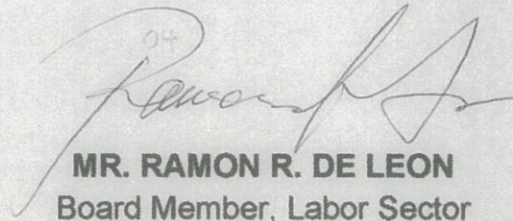
USEC. CARMELA I. TORRES
Presiding Chairperson, TESDA Board
Undersecretary, Department of Labor
and Employment



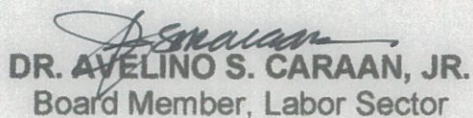
SUHARTO T. MANGUDADATU, Ph.D.
Secretary/Director General TESDA



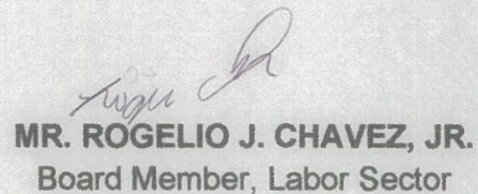
MR. RENE LUIS M. TADLER
Board Member, Labor Sector



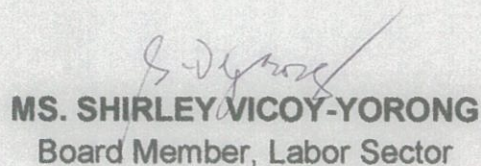
MR. RAMON R. DE LEON
Board Member, Labor Sector



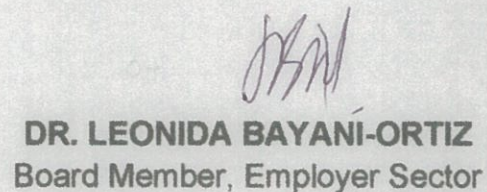
DR. AVELINO S. CARAAN, JR.
Board Member, Labor Sector



MR. ROGELIO J. CHAVEZ, JR.
Board Member, Labor Sector



MS. SHIRLEY VICOY-YORONG
Board Member, Labor Sector




DR. LEONIDA BAYANI-ORTIZ
Board Member, Employer Sector

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MS. FLORDELIZA CUSI LEONG
Board Member, Employer Sector


MS. MARY G. NG
Board Member, Business and
Investment Sector

Prepared by:


ATTY. JAN MICHAEL P. JARO
Board Secretary VI