

#### Republic of the Philippines

# Bepartment of Education

REGION X - NORTHERN MINDANAO **DIVISION OF MALAYBALAY CITY** 

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344 , s. 2023

TO:

Assistant Schools Division Superintendent Chief Education Supervisors, CID and SGOD

**Public Schools District Supervisors** 

School Heads

All others concerned

This Division

FROM:

CHERRY MÁE L. LIMBACO-REYES

Schools Division Superintendent

DATE:

September 07, 2023

SUBJECT:

REITERATION OF THE ALLOTED NUMBER OF HOURS FOR THE TECHNICAL VOCATIONAL AND LIVELIHOOD EDUCATION AND HARMONIZATION OF THE STRANDS OF EDUKASYON SA PANTAHANAN AT PANGKABUHAYAN CURRICULUM IN THE

DIVISION

- In consonance with the Department of Education Order 021 s. 2019 1. Policy Guidelines on the K to 12 Basic Education Program, the Office reiterates to the field the allotted number of hours for the Technical Vocational and Livelihood Education and Harmonization of the Strands of EPP/TLE Curriculum in the Division.
- All secondary school heads are hereby directed to review the TVL curriculum map for this school year, and elementary school heads to reorganize the delivery of instruction in EPP/TLE following the division harmonized strands.
- 3. Attached are copies of the number of hours of TVL specializations (DO 21 s.2019 p.72-83) and the EPP/TLE learning strands.
- Should there be queries, contact Dindo M. Gabales, Education Program Supervisor, EPP/TLE/TVL.



Address: Sayre Hi-way, Purok 6, Casisang, Malaybalay City Telefax No.: 088-314-0094; Telephone No.: 088-813-1246

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## Republic of the Philippines

## Department of Education

REGION X - NORTHERN MINDANAO DIVISION OF MALAYBALAY CITY

## HARMONIZED STRANDS FOR EPP/TLE (Grade4-6)

Strand	Quarter
Entrep/ Information and Communication Technology (ICT)	1 st Quarter
Agriculture	2 <sup>nd</sup> Quarter
Home Economics	3 <sup>rd</sup> Quarter
Industrial Arts	4th Quarter



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### Republic of the Philippines Department of Education

22 AUG 2019

DepEd ORDER No 021 s. 2019

#### POLICY GUIDELINES ON THE K TO 12 BASIC EDUCATION PROGRAM

TO: Undersecretaries Assistant Secretaries Bureau and Service Directors Regional Directors Schools Division Superintendents Public and Private Elementary and Secondary Schools All Others Concerned

- 1. The Department of Education (DepEd) issues the enclosed Policy Guidelines on the K to 12 Basic Education Program to provide context to and articulate its context, features and programs.
- 2. The Policy provides a comprehensive explanation of the K to 12 Basic Education Program and its components across all key stages. It also provides a clear framework for the monitoring and evaluation of the program.
- 3. The policy integrates many of the existing policies and guidelines on K to 12. It also provides a reference point for ongoing and/or future review of any of its components as may be directed by the Secretary.
- 4. This policy will remain in force and in effect unless sooner repealed, amended, or rescinded.
- 5. Immediate dissemination of this Order is directed.

GTOLIS BRIONES

Secretary

Encls.:

As stated

References:

DepEd Order No. 43, s. 2013; and DepEd Memorandum No. 99, s. 2013 To be indicated in the Perpetual Index

under the following subjects:

ALTERNATIVE LEARNING SYSTEM CURRICULUM ELEMENTARY EDUCATION LEARNERS POLICY **PROGRAMS** SECONDARY EDUCATION

ARTS AND DESIGN TRACK				
Subject		Description		
		strand, specifically the dance strand, gives them practical and hands-on experience with choreography, working with a local artist, performing arts group, or arts organization, and culminates in a dance production.		
	Music	The subject offers the exploratory study of local music genres and ICT applications in music while deepening the musical skills and understanding of learners, who are also given the opportunity to learn various methods of producing music.		
	Theater	In this subject, learners will be guided through a dynamic professional development and given hands-on opportunities by either placing them with practicing artists or organizations with resident artists who can administer on-the-job mentoring and training; learners may also put up their own show under the guidance of a director or an experienced theater practitioner.		
Work Immersion/ Research/ Career Advocacy/	Exhibit for Arts Production (Literary Arts)	This subject is a culmination activity to showcase the acquired skills in creative writing through scriptwriting for a stage production.		
Culminating Activity i.e. Exhibit for Arts Production/ Performing Arts	Exhibit for Arts Production (Media Arts and Visual Arts)	As a final culminating project, the subject prepares learners to exhibit creative outputs to showcase their learnings during their apprenticeship period, with emphasis on artistic, educational, cultural values, and work ethics.		
Production	Performing Arts Production	This subject is a showcase of performing arts skills enhanced and developed through a program of apprenticeship.		

50. The apprenticeship subject in the Arts and Design Track will be allocated 160 hours to maximize exposure to the chosen arts field. Meanwhile, the culminating activity serves as a way to showcase/exhibit the acquired/enhanced artistic skills. It can either be an exhibit for arts production or a performing arts production, depending on the student's specialization.

#### THE TECHNICAL-VOCATIONAL-LIVELIHOOD (TVL) TRACK

51. The SHS program has a Technical-Vocational-Livelihood (TVL) Track, which has four strands: Agri-Fishery Arts, Home Economics (HE), Information and Communication Technology (ICT), and Industrial Arts. These are aligned with Technology and Livelihood Education (TLE) in Grades 7–10. Each TVL strand offers various specializations that may or may not have a National Certificate (NC) equivalent from TESDA. The time allocation per strand specialization is based on TESDA Training Regulations-Based Courses and is only indicative since the standard time allotment of 80 hours per semester per subject will still be applied. Therefore,

each strand specialization must be designed to fit into the 80-hour blocks of time.

52. Technology Livelihood Education and Technical-Vocational Livelihood Track Subjects may be taken between Grades 9–12. Schools may offer specializations from the four strands as long as the minimum number of hours for each specialization is met. Curriculum Maps may then be modified according to specializations offered by a school. Below is a list of all the Technology and Livelihood Education and the Technical-Vocational Livelihood Track Specializations, their prescribed number of hours, and their prerequisites and sample curriculum maps:

#### TVL Track: Agricultural-Fishery Arts (AFA) Strand

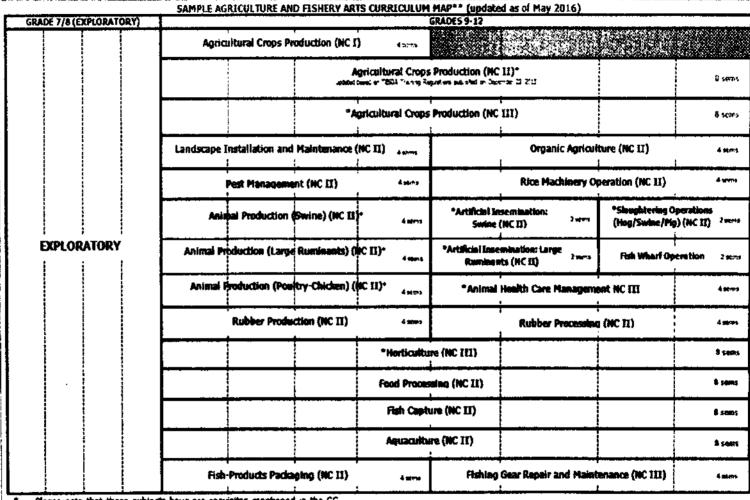
53. This TVL component consists of specializations equivalent to qualifications under agriculture and fishery sectors. Students with agri-fishery arts specializations will be able to demonstrate necessary skills/competencies and values on the cultivation of plants and animal production to harvest food and other products using available technologies on farming and on raising, harvesting, and capturing fish and other aquatic resources. Schools that offer these specializations must have adequate facilities for students' laboratory classes.

Table 2.18: Specialized Subjects for TVL: Agricultural and Fisheries Arts (AFA) Strand

	Specialization	Number of Hours	Pre-requisite	
1	Agricultural Crops Production (NC I)	320		
2	Agricultural Crops Production (NC II) updated based on TESDA Training Regulations published 28 December 2013	640		
3	Agricultural Crops Production (NC III)	640	Agricultural Crops Production (NC II)	
4	Animal Health Care Management (NC III)	320	Animal Production (Poultry-Chicken) (NC II) or Animal Production (Ruminants) (NC II) or Animal Production (Swine) (NC II)	
5	Animal Production (Poultry-Chicken) (NC II) updated based on TESDA Training Regulations published 28 December 2013	320		
6	Animal Production (Large Ruminants) (NC II) updated based on TESDA Training Regulations published 28 December 2013	320		
7	Animal Production (Swine) (NC II) updated based on TESDA Training Regulations published 28 December 2013	320		
8	Aquaculture (NC II)	640		
9	Artificial Insemination (Large Ruminants) (NC II)	160	Animal Production (Large Ruminants) (NC	

	Specialization	Number of Hours	Pre-requisite
			II)
10	Artificial Insemination (Swine) (NC II)	160	Animal Production (Swine) (NC II)
11	Fish Capture (NC II)	640	
12	Fishing Gear Repair and Maintenance (NC III)	320	
13	Fish-Products Packaging (NC II)	320	
14	Fish Wharf Operation (NC I)	160	
15	Food Processing (NC II)	640	
16	Horticulture (NC III)	640	Agricultural Crops Production (NC II)
17	Landscape Installation and Maintenance (NC II)	320	
18	Organic Agriculture (NC II)	320	
19	Pest Management (NC II)	320	
20	Rice Machinery Operations (NC II)	320	
21	Rubber Processing (NC II)	320	
22	Rubber Production (NC II)	320	
23	Slaughtering Operations (Hog/Swine/Pig) (NC II)	160	

• \*



Please note that these subjects have pre-requisites mentioned in the CG.

CG updated based on new Training Regulations of TESDA.

Other specializations with no prerequisites may be taken up during these semesters.

<sup>\*\*</sup>This is just a <u>sample</u>. Schools make their own curriculum maps considering the specializations to be offered. Subjects may be taken up at any point during Grades 9-12.

#### TVL Track: Home Economics (HE) Strand

54. This TVL component consists of specializations equivalent to qualifications under garments, tourism, health, processed food and beverages, and social and other community development service sectors. Students with home economics specializations will be able to demonstrate the necessary skills, competencies, and values in taking care of oneself and one's family, and in providing efficient services to others and to the community.

Table 2.19: Specialized Subjects for TVL Track: Home Economics (HE) Strand

	Specialization	Number of Hours	Pre-requisite
1	Attractions and Theme Parks Operations with Ecotourism (NC II)	160	
2	Barbering (NC II)	320	
3	Bartending (NC II)	320	
4	Beauty/Nail Care (NC II)	160	
5	Bread and Pastry Production (NC II)	160	
6	Caregiving (NC II)	640	
7	Commercial Cooking (NC III)	320	Cookery (NC II)
8	Cookery (NC II)	320	<u> </u>
9	Dressmaking (NC II)	320	
10	Events Management Services (NC III)	320	
11	Fashion Design (Apparel) (NC III)	640	Dressmaking (NC II) or Tailoring (NC II)
12	Food and Beverage Services (NC II) updated based on TESDA Training Regulations published 28 December 2013	160	
13	Front Office Services (NC II)	160	
14	Hairdressing (NC II)	320	
15	Hairdressing (NC III)	640	Hairdressing (NC II)
16	Handicraft (Basketry, Macrame) (Non-NC)	160	
17	Handicraft (Fashion Accessories, Paper Craft) (Non-NC)	160	
18	Handicraft (Needlecraft) (Non-NC)	160	
19	Handicraft (Woodcraft, Leathercraft) (Non-NC)	160	
20	Housekeeping (NC II) updated based on TESDA Training Regulations published 28 December 2013	160	
21	Local Guiding Services (NC II)	160	
22	Tailoring (NC II)	320	
23	Tourism Promotion Services (NC II)	160	
24	Travel Services (NC II)	160	
25	Wellness Massage (NC II)	160	

Please note that these subjects have pre-requisites mentioned in the CG.

<sup>+</sup> CG and sted based on new Training Regulations of TESDA.

Other specializations with no pre-requisites may be taken up during these semesters.

<sup>&</sup>quot;This is just a <u>sample</u>. Schools make their own curriculum maps considering the specializations to be offered. Subjects may be taken up at any point during Grades 9-12.

## TVL Track: Industrial Arts (IA) Strand

55. This TVL component consists of specializations equivalent to qualifications under automotive and land transport, construction, electronics, furniture and fixture, metal and engineering, and utilities sectors. Students with industrial arts specializations will be able to demonstrate the skills, competencies, and values in providing repair and maintenance services, installation, manual craftsmanship, and machine safety using available industrial and engineering technologies.

Table 2.20: Specialized Subjects for TVL Track: Industrial Arts (IA) Strand

	Specialization	Number of Hours	Prerequisite
1	Automotive Servicing (NC I) updated based on TESDA Training Regulations published 28 December 2013	640	
2	Automotive Servicing (NC II)	640	Automotive Servicing (NC I)
3	Carpentry (NC II)	640	
4	Carpentry (NC III)	320	Carpentry (NC II)
5_	Construction Painting (NC II)	160	
6	Domestic Refrigeration and Air- conditioning (DOMRAC) Servicing (NC II)	640	
7	Driving (NC II)	160	
8	Electrical Installation and Maintenance (NC II)	640	
9	Electric Power Distribution Line Construction (NC II)	320	Electrical Installation and Maintenance (NC II)
10	Electronic Products Assembly and Servicing (NC II) updated based on TESDA Training Regulations published 28 December 2013	640	
11	Furniture Making (Finishing) (NC II)	640	
12	Instrumentation and Control Servicing (NC II)	320	Electronic Products Assembly and Servicing (EPAS) (NC II)
13	Gas Metal Arc Welding (GMAW) (NC	320	Shielded Metal Arc Welding (SMAW) (NC II)
14	Gas Tungsten Arc Welding (GTAW) (NC II)	320	Shielded Metal Arc Welding (GMAW) (NC II)
15	Machining (NC I)	640	
16	Machining (NC II)	640	Machining (NC I)
17	Masonry (NC II)	320	
18	Mechatronics Servicing (NC II)	320	Electronic Products Assembly and Servicing (EPAS) (NC II)
19	Motorcycle/Small Engine Servicing (NC II)	320	
20	Plumbing (NC I)	320	

	Specialization	Number of Hours	Prerequisite
21	Plumbing (NC II)	320	Plumbing (NC I)
22	Refrigeration and Air-Conditioning (Packaged Air-Conditioning Unit [PACU]/Commercial Refrigeration Equipment [CRE]) Servicing (NC III)	640	Domestic Refrigeration and Air-conditioning (DOMRAC) Servicing (NC II)
23	Shielded Metal Arc Welding (NC I)	320	
24	Shielded Metal Arc Welding (NC II)	320	Shielded Metal Arc Welding (NC I)
25	Tile Setting (NC II)	320	
26	Transmission Line Installation and Maintenance (NC II)	640	Electrical Installation and Maintenance (NC II)

<sup>2.3:</sup> Sample Curriculum Map

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<sup>\*\*</sup>This is just a <u>sample</u>. Schook make their own corricalum maps considering the specializations to be offered. Subjects may be taken up at any point during Grades 9-12.

#### TVL Track: Information and Communications Technology (ICT) Strand

56. This TVL component consists of specializations equivalent to qualifications under the information and communication technologies sector. Students with ICT specializations will be able to demonstrate the skills, competencies, and values in effective application, use, and management of technology in the context of system designing and customer service.

Table 2.21. Specialized Subjects for TVL Track: Information and Communications Technology (ICT) Strand

	Specialization	Number of Hours	Pre-requisite
1.	Animation (NC II)	320	
2.	Broadband Installation (Fixed Wireless Systems) (NC II)	160	Computer Systems Servicing (NC II)
3.	Computer Programming (.Net Technology) (NC III) updated based on TESDA Training Regulations published December 28, 2013	320	
4.	Computer Programming (Java) (NC III) updated based on TESDA Training Regulations published 28 December 2013	320	
5.	Computer Programming (Oracle Database) (NC III) updated based on TESDA Training Regulations published 28 December 2013	320	
6.	Computer Systems Servicing (NC II) updated based on TESDA Training Regulations published 28 December 2007	640	
7.	Contact Center Services (NC II)	320	
8.	Illustration (NC II)	320	
9.	Medical Transcription (NC II)	320	
10.	Technical Drafting (NC II)	320	
11.	Telecom OSP and Subscriber Line Installation (Copper Cable/POTS and DSL) (NC II)	320	Computer Systems Servicing (NC II)
12.	Telecom OSP Installation (Fiber Optic Cable) (NC II)	160	Computer Systems Servicing (NC II)

up at any point during Grades 9-12.

Pre-requisites of the subjects to the right should be taken up during these semesters.

#### C. Work Immersion/Research/Career Advocacy/Culminating Activity

57. Regardless of track or strand, each specialization has one 80-hour subject slot where learners may take up Work Immersion/Research/Career Advocacy or a Culminating Activity. These options serve as avenues to apply and showcase the skills they have learned during SHS. However, the subject to be offered will depend on the school's capability. In terms of Work Immersion in TVL, the schools may opt to utilize various delivery models. Table 2.22 A illustrates these delivery models. The examples referred to (Models B1, B2 and so on) can be found in DepEd Order No. 30, s. 2017.

Table 2.22 A: Work Immersion Delivery Models

Models	Work Immersion Hours	Learner's Purpose and Needs	School	Options
Model A	80 hours (This is the minimum requirement for Work Immersion.)	For learners who only need 80 hours of work immersion	Has partners that only accommodate 80 hours of Work Immersion	
Model B	240 hours (80 + 160 hours)	Optional for learners who:  1. decide to do more Work Immersion hours in the specialization of their choice; and  2. have more Work Immersion opportunities available.	Work Immersion partners that can accommodate all its learners in the first and second	taking a 640-hour specialization in Grade 9 and finish at Grade 11. For Grade 12, s/he may take up another 160-hour specialization before or after the Work