TECHNICAL EDUCATION AND SKILLS
DEVELOPMENT AUTHORITY

SKILLS
MAP

TESDA

PREPARED BY TESDA PLANNING OFFICE
POLICY RESEARCH AND EVALUATION DIVISION | LABOR MARKET INFORMATION DIVISION

TESDA is mandated to formulate, coordinate and integrate technical education and skills development policies, plans and programs. Part of this is the identification of specific skills that are required in response to Philippine development goals

TESDA drafted a skills map by culling out the skills priorities from the following references:

- **Philippine Development Plan (PDP) 2017-2022:** The PDP 2017-2022 is the current medium term plan that takes off from the Duterte Administration's 0+10 Point Socioeconomic Agenda, and anchored on Ambisyon Natin 2040 following EO 5, s. 2016. The current Plan aims to lay a stronger foundation for inclusive growth, a high-trust society, and a globally-competitive economy toward realizing the vision by 2040.

- **JobsFit 2022 Labor Market Information Report:** It is the latest labor market study of the Department of Labor and Employment (DOLE) that highlights the in-demand and hard-to-fill occupations of the key industries that are projected to be the main source of employment growth in the country for the next five years.

- Industry Roadmaps: the Department of Trade and Industry (DTI), through its Industry Roadmapping Project, partners with various industries and sectors for the development of industry roadmaps to strengthen and make the Philippine industries more globally competitive. The DTI also crafted its Inclusive Innovation Industrial Strategy or i3S which identifies the Philippines' priority industries & activities are those with high potentials to
  - become globally competitive, innovative and resilient; take advantage of market opportunities (new technologies arising from Industry 4.0)
  - generate jobs and create spill-over effects to other industries & economic activities

It also identifies a diversified set of industries and activities where:
  - the Philippines has comparative advantage
  - various skills levels would be required & provide employment opportunities to our large pool of unemployed Filipinos
  - strong linkages with agriculture, manufacturing and services would be built toward more efficient supply/value chain and
  - market-orientation would be focused on both the domestic and export markets

TESDA SKILLS MAP
BACKGROUND

- **National Technical Education and Skills Development Plan (NTESDP) 2018-2022 Action Programming:** Conducted in partnership with Bayan Academy, the Action Programming activity is the conduct of industry dialogues and consultations to operationalize the NTESDP 2018-2022 into workable programs and investment programs in the 8 priority industries (Agriculture, Construction, IT-BPM, Electronics, Health and Wellness, Manufacturing, Tourism, Transportation, Communications and Logistics). Among those that were discussed in the action programming are the critical skills requirements to work towards the development of industry-led curricula in the priority industries.

- **Area-Based Requirements:** These are specific skills requirements identified by the industries at the local level that are needed to increase productivity, adaptation of new technologies, or work arrangements in the workplace.

- **Researches/Studies:** TESDA conducts researches, studies, as well as labor market information reports to aid in the effective and efficient planning and policy making in TVET.

This document contains the following skills requirements identified through mapping:

- **SKILLS REQUIREMENTS WITH TRAINING REGULATIONS**

- **SKILLS REQUIREMENTS WITHOUT TRAINING REGULATIONS**

- **EMERGING SKILLS**

  refers to skills requirements that are results of expansion of new markets, global developments and technological changes, which will lead to the creation of new roles or job in the workplace.

  This shall cover training programs for new and emerging skills in sectors considered as Key Employment Generators or priority sectors/ industries identified in the National Technical Education and Skills Development Plan (NTESDP).

- **SOFT SKILLS**

  are qualities or attributes of employees that are considered by employers to be highly important

  Source: oxfordreference.com

Sector	Job/Occupation	TESDA Training Regulation
Agriculture Forestry and Fishery	machine operation	Rice Machinery Operations NC II Agricultural Machinery Operations NC II
Agriculture Forestry and Fishery	tractor/hand tractor operator	Agricultural Machinery Servicing (4-Wheel Tractor) NC III
Agriculture Forestry and Fishery	tillers	> Agricultural Crops Production NC I > Agricultural Crops Production NC II > Agricultural Crops Production NC III
Agriculture Forestry and Fishery	harvester	Horticulture NC III
Agriculture Forestry and Fishery	mechanical dryers	Agricultural Machinery Operations NC II
Agriculture Forestry and Fishery	threshers	Agricultural Machinery Operations NC II
Agriculture Forestry and Fishery	milling equipment	Agricultural Machinery Operations NC II
Agriculture Forestry and Fishery	small engine for fishing boats with fiberglass hulls	Motorcycle/Small Engine Servicing NC II
Agriculture Forestry and Fishery	fish and marine products processor	> Food Processing NC I > Food Processing NC II > Food Processing NC III > Food Processing NC IV
Agriculture Forestry and Fishery	fish feeder	Aquaculture NC II
Agriculture Forestry and Fishery		> Fish Capture NC I > Fish Capture NC II
Agriculture Forestry and Fishery	food processor	> Food Processing NC I > Food Processing NC II > Food Processing NC III > Food Processing NC IV
Agriculture Forestry and Fishery	heavy equipment mechanic	Heavy Equipment Servicing (Mechanical) NC II
Agriculture Forestry and Fishery	horticultural worker	Horticulture NC III
Agriculture Forestry and Fishery	packer	Fish Products Packaging NC II
Agriculture Forestry and Fishery	piggery worker/technician	Animal Production (Swine) NC II
Agriculture Forestry and Fishery	plant pathologist	Agro-entrepreneurship NC II / III / IV
Agriculture Forestry and Fishery	poultry producer	Animal Production (Poultry-Chicken) NC II

Sector	Job/Occupation	TESDA Training Regulation
Agriculture Forestry and Fishery	seaweed farmer	Seaweeds Production NC II
Agriculture Forestry and Fishery	slaughterer	> Slaughtering Operations (Large Animal) NC II > Slaughtering Operations (Swine) NC II
Agriculture Forestry and Fishery	Farmer/farm worker/ livestock and poultry raiser	Agricultural Crops Production NC I Agricultural Crops Production NC II Agricultural Crops Production NC III Grains Production NC II Fish Capture NC I Fish Capture NC II Horticulture NC III Animal Production (Poultry-Chicken) NC II Animal Production (Swine) NC II Animal Production (Ruminants) NC II
Agriculture Forestry and Fishery	Fisherman, Aquaculture Farmer, Aquaculture Farm Caretaker/ Aide	Aquaculture NC II Fish Capture NC I Fish Capture NC II Fishport Wharf Operations NC I Seaweed Production NC II
Automotive and Land Transportation	Machine operation	>Press Machine Operation NC I >CNC Milling Machine Operation NC II >CNC Milling Machine Operation NC III >CNC Lathe Machine Operation NC II >CNC Lathe Machine Operation NC III >Plastic Machine Operation NC II >Plastic Machine Operation NC III
Construction	Bricklayer and Related Worker	Tile Setting NC II
Construction	Cabinet-maker	> Carpentry NC II > Carpentry NC III
Construction	Dump Truck Loader	> HEO (Articulated Off-Higway Dump Truck) NC II > HEO (Rigid Off-Highway Dump Truck) NC II > HEO (Rigid On-Highway Dump Truck) NC II

Sector	Job/Occupation	TESDA Training Regulation
Construction	Laborer/Helper	> Masonry NC I > Masonry NC II > Masonry NC III
Construction	Construction Painter	> Construction Painting NC II > Construction Painting NC III
Construction	Pipe Fitter	Pipefitting (Metallic) NC II
Construction	Heavy Equipment Mechanic	Heavy Equipment Servicing (Mechanical) NC II
Construction	Road Grader and Scraper Operator	HEO (Motor Grader) NC II
Construction	Landscape Artist	Landscape Installation and Maintenance NC II
Construction	Rigger	Rigging NC I
Construction	Tile Setters	Tile Setting NC II
Construction	Mobile Crane Operator	HEO (Truck Mounted Crane) NC II
Construction	Scaffolder	Scaffolding Works NC II (Supported Type Scaffold)
Construction	Pipefitters	Pipefitting (Metallic) NC II
Construction	Carpenter	Carpentry NC II Carpentry NC III
Construction	Heavy Equipment Operator	HEO Operator (Various NC)
Construction	Hydraulic Excavator Operator	HEO (Hydraulic Excavator) NC II
Construction	Rebar	Reinforcing Steel Works NC II
Construction	Hydraulic Operators	HEO (Hydraulic Excavator) NC II
Construction	Electrician	Electrical Installation and Maintenance NC II Electrical Installation and Maintenance NC III Electrical Installation and Maintenance NC IV
Construction	Plumber	Plumbing NC I Plumbing NC II Plumbing NC III
Construction	Excavators	HEO (Hydraulic Excavator) NC II

Sector	Job/Occupation	TESDA Training Regulation
Construction	Steel Man	Reinforcing Steel Works NC II
Construction	Draftsman	Technical Drafting NC II
Construction	Electrical/Electrician	Electrical Installation and Maintenance NC II Electrical Installation and Maintenance NC III Electrical Installation and Maintenance NC IV
Construction	Mixer	HEO (Transit Mixer) NC II
Construction	Bulldozer	Heavy Equipment Operation (Bulldozer) NC II
Construction	Paver	HEO (Paver) NC II
Construction	Crane Operation (including Mobile Cranes)	HEO (Gantry Crane) NC II HEO (Crawler Crane) NC II HEO (Rough Terrain Crane) NC II HEO (Tower Crane) NC II HEO (Truck Mounted Crane) NC II
Construction	Bookkeeper	Bookkeeping NC III
Construction	Driver	Driving NC II Driving (Passenger Bus/Straight Truck) NC III Driving (Articulated Vehicle) NC III
Construction	Masons	> Masonry NC I > Masonry NC II > Masonry NC III
Construction	Scaffold Erector	Scaffolding Works NC II (Supported Type Scaffold)

Sector	Job/Occupation	TESDA Training Regulation
Construction	Welder	> Shielded Metal Arc Welding (SMAW) NC I > Shielded Metal Arc Welding (SMAW) NC II > Shielded Metal Arc Welding (SMAW) NC III > Shielded Metal Arc Welding (SMAW) NC IV > Gas Metal Arc Welding (GMAW) NC I > Gas Metal Arc Welding (GMAW) NC II > Gas Metal Arc Welding (GMAW) NC III > Submerged Arc Welding (SAW) NC I > Submerged Arc Welding (SAW) NC II > Flux Cored Arc Welding (FCAW) NC I > Flux Cored Arc Welding (FCAW) NC II > Flux Cored Arc Welding (FCAW) NC III > Gas Welding NC I > Gas Welding NC II
Health and Wellness	community health worker	Barangay Health Services NC II
Health and Wellness	Customer Service Representative	Customer Services NC II
Health and Wellness	Massage Therapist	Massage Therapy NC II Hilot (Wellness Massage) NC II
Health and Wellness	Pharmacy Aide	Pharmacy Services NC III
Health and Wellness	Agri-crops Production Worker (Natural Health Products Industry Roadmap)	> Agricultural Crops Production NC I > Agricultural Crops Production NC II > Agricultural Crops Production NC III
Health and Wellness	Emergency Medical Technician	Emergency Medical Services NC II
Health and Wellness	Optician	Ophthalmic Lens Services NC II
Health and Wellness	Front-liners' Skills	Customer Services NC II

Sector	Job/Occupation	TESDA Training Regulation
Health and Wellness	Dental Equipment Laboratory Technician	> Dental Laboratory Technology Services NC I > Dental Laboratory Technology Services (Fixed Dentures/Restorations) NC II > Dental Laboratory Technology Services (Removable Dentures/Appliances) NC II > Dental Technology NC IV
Health and Wellness	Dental Assistant	Dental Hygiene Level IV
Health and Wellness	Caregiver	Caregiving NC II
Health and Wellness	Nursing Aide	Health Care Services NC II
Health and Wellness	Pharmacy Assistant	Pharmacy Services NC III
Information and Communication Technology	CAD/CAM Operator	~Technical Drafting NC II -Prepare computer-aided drawings ~CAD/CAM Operation NC III -Create drawing using CAD software -Apply CAD/CAM program
Information and Communication Technology	Call Center Agents (Both voice and non-voice)	Contact Center Services NC II
Information and Communication Technology	Customer Service Representative/Specialist	~Contact Center Services NC II ~Customer Services NC II
Information and Communication Technology	Software Developers	• Web Development NC III • Game Programming NC III • Programming (.Net Technology) NC III • Programming (Java) NC III • Programming (Oracle Database) NC III

Sector	Job/Occupation	TESDA Training Regulation
Information and Communication Technology	Technical Support	• Customer Service NC II • Cable TV Installation NC II • Cable TV Operation and Maintenance NC III • Broadband Installation (Fixed Wireless Systems) NC II • Telecom OSP and Subscriber Line Installation (Copper Cable/POTS and DSL) NC II • Telecom OSP Installation (Fiber Optic Cable) NC II
Information and Communication Technology	Web Developer	• Web Development NC III
Information and Communication Technology	Computer Transcriptionist	• Medical Transcription NC II • Contact Center Services NC II
Information and Communication Technology	IT Specialist/Staff	• Cable TV Installation NC II • Cable TV Operation and Maintenance NC III • Broadband Installation (Fixed Wireless Systems) NC II • Telecom OSP and Subscriber Line Installation (Copper Cable/POTS and DSL) NC II • Telecom OSP Installation (Fiber Optic Cable) NC II
Information and Communication Technology	Graphic Artists (including Video Graphic Artist)	• 2D Animation NC III • 3D Animation NC III • Animation NC II • Visual Graphic Design NC III
Information and Communication Technology	Programmer	• Game Programming NC III • Programming (.Net Technology) NC III • Programming (Java) NC III • Programming (Oracle Database) NC III
Information and Communication Technology	Game Developer	• Game Programming NC III • 2D Animation NC III • 3D Animation NC III • Animation NC II

Sector	Job/Occupation	TESDA Training Regulation
Information and Communication Technology	IT Developer	• Web Development NC III • Game Programming NC III • Programming (.Net Technology) NC III • Programming (Java) NC III • Programming (Oracle Database) NC III
Information and Communication Technology	Animator/3D animation	• 2D Animation NC III • 3D Animation NC III • Animation NC II
Information and Communication Technology	Gamification	3D Animation NC III 3D Game Art Development NC III Game Programming NC III
Information and Communication Technology	Medical Claims Representative	• Medical Coding and Claims Processing NC III
Information and Communication Technology	Medical Claims Specialist	• Medical Coding and Claims Processing NC III
Information and Communication Technology	Medical Claims Manager	• Medical Coding and Claims Processing NC III
Information and Communication Technology	Medical Claims Service Delivery Manager	• Medical Coding and Claims Processing NC III
Information and Communication Technology	Medical Coder	• Medical Coding and Claims Processing NC III
Information and Communication Technology	Software Development	• Game Programming NC III • Programming (.Net Technology) NC III • Programming (Java) NC III • Programming (Oracle Database) NC III
Information and Communication Technology	Sale services	• Customer Services NC II • Contact Center Services NC II
Information and Communication Technology	Client Servicing	• Customer Services NC II • Contact Center Services NC II

Sector	Job/Occupation	TESDA Training Regulation
Information and Communication Technology	Animation artistry	• 2D Animation NC III • 3D Animation NC III • Animation NC II
Information and Communication Technology	Computer Systems Service Personnel/Technician IT Support Specialist	Computer Systems Servicing NC II
Information and Communication Technology	IT Support/IT Technician/IT Specialist	Computer Systems Servicing NC II
Information and Communication Technology	Content Development	Animation NC II 2D Animation NC III 3D Animation NC III Visual Graphic Design NC III
Manufacturing	Metal Fabrication - Tool and Die	Tool and Die Making NC II
Manufacturing	Welder	> Shielded Metal Arc Welding (SMAW) NC I > Shielded Metal Arc Welding (SMAW) NC II > Shielded Metal Arc Welding (SMAW) NC III > Shielded Metal Arc Welding (SMAW) NC IV > Gas Metal Arc Welding (GMAW) NC I > Gas Metal Arc Welding (GMAW) NC II > Gas Metal Arc Welding (GMAW) NC III > Submerged Arc Welding (SAW) NC I > Submerged Arc Welding (SAW) NC II > Flux Cored Arc Welding (FCAW) NC I > Flux Cored Arc Welding (FCAW) NC II > Flux Cored Arc Welding (FCAW) NC III > Gas Welding NC I > Gas Welding NC II
Manufacturing	Food Production - Food Processor	> Food Processing NC I > Food Processing NC II > Food Processing NC III Food Processing NC IV

Sector	Job/Occupation	TESDA Training Regulation
Manufacturing	Food Production - Dairy Processor	> Food Processing NC I > Food Processing NC II > Food Processing NC III > Food Processing NC IV
Manufacturing	Food Production - Cake Decorator	Bread and Pastry Production NC II
Manufacturing	Food Production - Livestock Feeds Production	> Food Processing NC I > Food Processing NC II > Food Processing NC III > Food Processing NC IV
Manufacturing	Electronics Manufacturing - Automotive Electronics	Automotive Electrical Assembly NC II and III
Manufacturing	Electronics Manufacturing - Semiconductor Production	Electronics/Semiconductor Production Line Machine Servicing NC III Semiconductor Back-End Operation NC II Semiconductor Front-of-Line Operation NC II

Sector	Job/Occupation	TESDA Training Regulation
Manufacturing	Automotive Manufacturing - Automotive Parts Production / Assembly of Motor Vehicles	> Automotive Body Painting/Finishing NC II > Automotive Body Painting/Finishing NC I > Automotive Body Painting/Finishing NC III > Auto Engine Rebuilding NC II > Automotive Body Repairing NC II > Automotive Electrical Assembly NC II > Automotive Electrical Assembly NC III > Automotive Mechanical Assembly NC II > Automotive Mechanical Assembly NC III > Automotive Servicing NC I > Automotive Servicing NC II > Automotive Servicing NC III > Automotive Servicing NC IV > Automotive Wiring Harness Assembly NC II > Forging NC II > Forging NC III > Foundry Pattern Making NC II > Foundry Pattern Making NC III > Foundry Molding NC II > Foundry Molding NC III > Heat Treatment NC II > Laboratory and Metrology/Calibration Services NC II > Laboratory and Metrology/Calibration Services NC III > Moldmaking NC II > Metal Stamping NC II

Sector	Job/Occupation	TESDA Training Regulation
Manufacturing	Automotive Manufacturing - Automotive Parts Production / Assembly of Motor Vehicles	> Painting Machine Operation NC II > Plastic Machine Operation NC II > Plastic Machine Operation NC III > Process Inspection NC II > Process Inspection NC III
Manufacturing	Chemical Production - Plastics	Chemical Process Operations NC III
Manufacturing	Garments Production - Tailoring	Tailoring NC II
Manufacturing	Garments Production - Dressmaking	Dressmaking NC II
Manufacturing	Garments Sewer	Dressmaking NC II Tailoring NC II
Manufacturing	Paper Products Manufacturing - Mechatronics	Mechatronics Servicing NC II to IV
Manufacturing	Metal Fabrication - Forklift Operations	Heavy Equipment Operation NC II (Forklift))
Manufacturing	Metal Fabrication - Mechatronics	Mechatronics Servicing NC II to IV
Manufacturing	Electronics Manufacturing - Mechatronics	> Mechatronics Servicing NC II > Mechatronics Servicing NC III > Mechatronics Servicing NC IV
Manufacturing	Chemical Production - Forklift Operation	Heavy Equipment Operation NC II (Forklift)
Manufacturing	Chemical Production - Mechatronics	Mechatronics Servicing NC II to IV
Manufacturing	Automotive Mechanic	>Automotive Servicing NC I >Automotive Servicing NC II >Automotive Servicing NC III >Automotive Servicing NC IV

Sector	Job/Occupation	TESDA Training Regulation
Manufacturing	Automotive Painter	Automotive Body Painting/Finishing NC I Automotive Body Painting/Finishing NC II Automotive Body Painting/Finishing NC III
Manufacturing	Driver	Driving NC II Driving (Passenger Bus/Straight Truck) NC III Driving (Articulated Vehicle) NC III
Manufacturing	Electrician	> Electrical Installation and Maintenance NC II > Electrical Installation and Maintenance NC III > Electrical Installation and Maintenance NC IV
Manufacturing	Electronics Equipment Assembler	Electronics Products Assembly and Servicing NC II Electronics Back-End Operation NC II Electronics Front-of-Line Operation NC II Semiconductor Back-End Operation NC II Semiconductor Front-of-Line Operation NC II
Manufacturing	Food Processor	Food Processing NC I Food Processing NC II Food Processing NC III
Manufacturing	Instrumentation and Calibration Technician	Instrumentation and Control Servicing NC II Instrumentation and Control Servicing NC III Instrumentation and Control Servicing NC IV
Manufacturing	Machine Mechanic	Electronics/Semiconductor Production Line Machine Servicing NC III

Sector	Job/Occupation	TESDA Training Regulation
Manufacturing	Machine Operators & Assembler	Electronics Products Assembly and Servicing NC II Plastic Machine Operation NC II Plastic Machine Operation NC III Press Machine Operation NC I CNC Lathe Machine Operation NC II CNC Lathe Machine Operation NC III CNC Milling Machine Operation NC II CNC Milling Machine Operation NC III Electric Discharge Machine (EDM) Sinking Operation NC II CNC Electric Discharge Machine (EDM) Wire Cut Operation NC III 5-Axis CNC Machine Operation NC III
Manufacturing	Metal Casters	Foundry Melting/Casting NC II Foundry Melting/Casting NC III
Manufacturing	Molders (for metal products)	Foundry Molding NC II Foundry Molding NC III
Manufacturing	Motorcycle Technician	Motorcycle/Small Engine Servicing NC II
Manufacturing	Plant/Machine Operator and Assembler	Plastic Machine Operation NC II Plastic Machine Operation NC III
Manufacturing	Smart Press Machine Operator	Press Machine Operation NC I
Manufacturing	Repairman	Instrumentation and Control Servicing NC II Instrumentation and Control Servicing NC III Instrumentation and Control Servicing NC IV Mechatronics Servicing NC II Mechatronics Servicing NC III Mechatronics Servicing NC IV Electronics Products Assembly and Servicing NC II
Mining and Quarrying	Miner, Machine/ Heavy Equipment Operator	Heavy Equipment Operation NC II Heavy Equipment Servicing NC II
Tourism	Specialized Sales Representatives	Tourism Promotion Services NC II

Sector	Job/Occupation	TESDA Training Regulation
Tourism	Food and Beverages Staff/Attendant/Handler	~Food and Beverage Services NC II ~Food and Beverage Services NC III ~Food and Beverage Service NC IV ~Ship's Catering Services NC I ~Bartending NC II ~Barista NC II
Tourism	Waiter	~Food and Beverage Services NC II ~Food and Beverage Services NC III ~Food and Beverage Service NC IV ~Ship's Catering Services NC I
Tourism	Tourist Guide	~Local Guiding Services NC II ~Tour Packaging (FIT AD HOC DOMESTIC) Services NC II
Tourism	~Cook ~Cuisine chef ~Executive Chef ~Gourmet Chef	~Commercial Cooking NC III ~Commercial Cooking NC IV ~Cookery NC II ~Ships' Catering NC III (Ships' Cooks)
Tourism	Online booking and other front desk functions (ICT-driven)	Front Office Services NC II
Tourism	Housekeeping	~Housekeeping NC II ~Housekeeping NC III ~Housekeeping NC IV
Tourism	Barista	Barista NC II
Tourism	Front Office Agent	Front Office Services NC II
Tourism	Food and Beverages Manager	~Food and Beverage Services NC II ~Food and Beverage Services NC III ~Food and Beverage Service NC IV ~Bartending NC II ~Barista NC II

Sector	Job/Occupation	TESDA Training Regulation
Tourism	Cosmetic Dentist/Surgeon	~Dental Laboratory Technology Services NC I ~Dental Laboratory Technology Services (Fixed Dentures/Restorations) NC II ~Dental Laboratory Technology Services (Removable Dentures/Appliances) NC II ~Dental Technology NC IV
Tourism	Food technologist/Food safety expert	~Food Processing NC I ~Food Processing NC II ~Food Processing NC III ~Food Processing NC II
Tourism	English/Korean/Chinese Proficient Front Desk Officer	Front Office Services NC II
Tourism	English/Korean/Chinese Proficient Customer Service Relations Officer	Customer Services NC II
Tourism	Receptionists	Front Office Services NC II
Tourism	Port Staff	Customer Services NC II
Tourism	Bookkeeping (ICT-driven)	~Bookkeeping NC III
Tourism	Cake decorator	Bread and Pastry Production NC II
Tourism	Event coordinator	Events Management Services NC III
Tourism	Licensed Wine Expert	Bartending NC II
Tourism	Magician	Performing Arts (Magician)
Tourism	Aquaculturist	Aquaculture NC II
Tourism	Horticulturist	Horticulture NC III
Tourism	Service Crew/Waiter/Food and Beverage Assistant	Food and Beverage Services NC II Food and Beverage Services NC III Food and Beverage Service NC IV
Tourism	Baker	Bread and Pastry Production NC II

Sector	Job/Occupation	TESDA Training Regulation
Tourism	Barista	Barista NC II
Tourism	Housekeeper	Housekeeping NC II Housekeeping NC III Housekeeping NC IV
Transportation, Communication and Storage and Logistics	Administrative Clerk	Front Office Services NC II
Transportation, Communication and Storage and Logistics	Ticketing Issuing/Travel Clerk	Front Office Services NC II
Transportation, Communication and Storage and Logistics	Ticket Teller	Front Office Services NC II
Transportation, Communication and Storage and Logistics	Customer Service Representative/Associate	>Customer Services NC II >Contact Center Services NC II
Transportation, Communication and Storage and Logistics	Automotive Painter	Automotive Body Painting/Finishing NC I Automotive Body Painting/Finishing NC II Automotive Body Painting/Finishing NC III
Transportation, Communication and Storage and Logistics	Master Mechanic	>Auto Engine Rebuilding NC II >Automotive Servicing NC I >Automotive Servicing NC II >Automotive Servicing NC III >Automotive Servicing NC IV >Motorcycle/Small Engine Servicing NC II

Sector	Job/Occupation	TESDA Training Regulation
Transportation, Communication and Storage and Logistics	Welder	> Shielded Metal Arc Welding (SMAW) NC I > Shielded Metal Arc Welding (SMAW) NC II > Shielded Metal Arc Welding (SMAW) NC III > Shielded Metal Arc Welding (SMAW) NC IV > Gas Metal Arc Welding (GMAW) NC I > Gas Metal Arc Welding (GMAW) NC II > Gas Metal Arc Welding (GMAW) NC III > Submerged Arc Welding (SAW) NC I > Submerged Arc Welding (SAW) NC II > Flux Cored Arc Welding (FCAW) NC I > Flux Cored Arc Welding (FCAW) NC II > Flux Cored Arc Welding (FCAW) NC III > Gas Welding NC I > Gas Welding NC II > Gas Tungsten Arc Welding (GTAW) NC II > Gas Tungsten Arc Welding (GTAW) NC IV
Transportation, Communication and Storage and Logistics	Electrician	> Electrical Installation and Maintenance NC II > Electrical Installation and Maintenance NC III > Electrical Installation and Maintenance NC IV
Transportation, Communication and Storage and Logistics	Heavy Equipment Operator	Heavy Equipment Operation NC II (Forklift)
Transportation, Communication and Storage and Logistics	Mechanic	>Auto Engine Rebuilding NC II >Automotive Servicing NC I >Automotive Servicing NC II >Automotive Servicing NC III >Automotive Servicing NC IV >Motorcycle/Small Engine Servicing NC II
Transportation, Communication and Storage and Logistics	Shipping Operations Officer	Ship's Catering Services NC I, III Ship's Cook)
Transportation, Communication and Storage and Logistics	Transport Network Vehicle Service (TNVS) Driver / Taxi Driver	Driving NC II

Sector	Job/Occupation	TESDA Training Regulation
Transportation, Communication and Storage and Logistics	Terminal and Warehouse Personnel	Warehousing Services NC II
Transportation, Communication and Storage and Logistics	Bus Driver	Driving (Passenger Bus/Straight Truck) NC III
Transportation, Communication and Storage and Logistics	Truck Driver	Driving (Articulated Vehicle) NC III
Transportation, Communication and Storage and Logistics	Machine Operator	>Press Machine Operation NC I >CNC Milling Machine Operation NC II >CNC Milling Machine Operation NC III >CNC Lathe Machine Operation NC II >CNC Lathe Machine Operation NC III >Plastic Machine Operation NC II >Plastic Machine Operation NC III
Transportation, Communication and Storage and Logistics	Forklift Operator	Forklift NC II
Transportation, Communication and Storage and Logistics	Forklift Driver	HEO (Forklift) NC II
Creative Industry	Tailor	Tailoring NC II
Creative Industry	Dressmaker	Dressmaking NC II
Creative Industry	Garments Sewer	Dressmaking NC II Tailoring NC II
Creative Industry	Animator	2D Animation NC III 3D Animation NC III Animation NC II
Creative Industry	Software Developer	Web Development NC III Game Programming NC III Programming (.Net Technology) NC III Programming (Java) NC III Programming (Oracle Database) NC III

Sector	Job/Occupation	TESDA Training Regulation
Creative Industry	Web Developer	Web Development NC III
Creative Industry	Graphic Artists	2D Animation NC III 3D Animation NC III Animation NC II Visual Graphic Design NC III
Creative Industry	Programmer	Game Programming NC III Programming (.Net Technology) NC III Programming (Java) NC III Programming (Oracle Database) NC III
Creative Industry	Game Developer	Game Programming NC III 2D Animation NC III 3D Animation NC III Animation NC II
Creative Industry	IT Developer	Web Development NC III Game Programming NC III Programming (.Net Technology) NC III Programming (Java) NC III Programming (Oracle Database) NC III
Creative Industry	Back-up Singer Solo Singer Band Vocalist/Lead Singer	Performing Arts (Song) NC II
Creative Industry	Professional Photographer	Photography NC II
Creative Industry	Comics Artist Book/Magazine Illustrator Cartoonist	Illustration NC II
Wholesale and Retail Trade	Financial Assistant	Bookkeeping NC III
Wholesale and Retail Trade	Sales Representative	Customer Services NC II
Wholesale and Retail Trade	Sales Clerk	Customer Services NC II

Sector	Job/Occupation
Agriculture Forestry and Fishery	evisceration processor
Agriculture Forestry and Fishery	genomicist
Agriculture Forestry and Fishery	land surveyor
Agriculture Forestry and Fishery	marine biologist
Agriculture Forestry and Fishery	marketing officer
Agriculture Forestry and Fishery	marketing specialist
Agriculture Forestry and Fishery	plant operator
Agriculture Forestry and Fishery	purchaser
Agriculture Forestry and Fishery	quality control technician
Agriculture Forestry and Fishery	sales representative/sales officer
Agriculture Forestry and Fishery	coffee plant propagators
Agriculture Forestry and Fishery	Operation and maintenance of an automated agriculture system
Agriculture Forestry and Fishery	Repair and servicing of smart farming equipment
Agriculture Forestry and Fishery	Installation and management of smart farming systems
Agriculture Forestry and Fishery	Use of e-commerce technologies
Agriculture Forestry and Fishery	Use of geographic information system
Agriculture Forestry and Fishery	Climate-smart farming data analysis
Agriculture Forestry and Fishery	Quality and safety control (production process)
Agriculture Forestry and Fishery	Abacca Production/ Processing
Agriculture Forestry and Fishery	Bag Making (Abaca/Piña)
Agriculture Forestry and Fishery	Bamboo Chips Making (Food Group)
Agriculture Forestry and Fishery	Bamboo Weaving (Amakan, Tabig)
Agriculture Forestry and Fishery	Bamboo Yam Development
Agriculture Forestry and Fishery	Banana Production
Agriculture Forestry and Fishery	Bastry/Trays Using Bamboo
Agriculture Forestry and Fishery	Beekeeping
Agriculture Forestry and Fishery	Chemical Waste Process
Agriculture Forestry and Fishery	Coco Coir Geonet Installation and Maintenance
Agriculture Forestry and Fishery	Coco Coir Production
Agriculture Forestry and Fishery	Dredging
Agriculture Forestry and Fishery	Drip Irrigation Technology
Agriculture Forestry and Fishery	Duck Raising and value-adding of by-products
Agriculture Forestry and Fishery	Farm Automation
Agriculture Forestry and Fishery	Farm Implement Fabrication
Agriculture Forestry and Fishery	Farm Tour and Technology Transfer
Agriculture Forestry and Fishery	Fruit and Vegetable Dehydration

Sector	Job/Occupation
Agriculture Forestry and Fishery	Ginger Production and Processing
Agriculture Forestry and Fishery	Green House Technician
Agriculture Forestry and Fishery	Guinea Fowl production and value-adding of by-products
Agriculture Forestry and Fishery	Halal Slaughtering Operation
Agriculture Forestry and Fishery	Hand Embroidery (Visayan) on piña, silk, abaca
Agriculture Forestry and Fishery	Handmade Paper for Home Furnishing
Agriculture Forestry and Fishery	Herb Cubes and Fruit Juice Processing
Agriculture Forestry and Fishery	Herbal Production (Herbalist)
Agriculture Forestry and Fishery	Hydrophonics
Agriculture Forestry and Fishery	Mushroom Culture and Production
Agriculture Forestry and Fishery	Mushroom production
Agriculture Forestry and Fishery	Natural Dye Development (Indigo, etc.)
Agriculture Forestry and Fishery	Organic Farm Landscaping
Agriculture Forestry and Fishery	Quail farming and value adding of by-products
Agriculture Forestry and Fishery	Soil Conditioner Making
Agriculture Forestry and Fishery	Telescopic Crane
Agriculture Forestry and Fishery	Tramp Installation
Agriculture Forestry and Fishery	Value adding of Agricultural Crops (focus commodity)
Agriculture Forestry and Fishery	Wine Making
Automotive and Land Transportation	Computer Box System Servicing
Automotive and Land Transportation	Testing and Calibration
Automotive and Land Transportation	Math Skills
Automotive and Land Transportation	Applied mechanics
Automotive and Land Transportation	Processing Technology and QCD
Automotive and Land Transportation	knowledge and skills related to drawings and welding
Construction	Nano/Microsatellites
Construction	Building Construction Engineer
Construction	Field Engineer
Construction	Molding and Casting Worker
Construction	Production Worker
Construction	Land Surveyor
Construction	Asphalt Roofer
Construction	Air Duct Worker
Construction	Foreman/woman, Assembly
Construction	Zoning Engineer
Construction	AutoCAD Operator
Construction	BIM Modeler

Sector	Job/Occupation
Construction	BIM Specialist
Construction	BIM Manager
Construction	BIM Team Leader
Construction	Electrical and Plumbing (MEP)
Construction	(Traditional Bahay Kubo Windows Design to Preserve Patterns) for Carpenters and Architects (Filipino Craftsmanship for low cost housing)
Construction	3D Printing
Construction	Analytics
Construction	Electricity, Gas, Steam & Airconditioning Supply
Construction	Renewable Energy
Construction	Vibro Machine Operator
Construction	Installer
Construction	Leadman
Construction	Supervisor
Construction	Surveyor
Construction	Density Testing Aide
Construction	Safety Nurse
Construction	Civil Engineer
Construction	Quality Assurance Inspection
Construction	Quality Control Inspection
Construction	Materials Engineering
Construction	Green Construction
Construction	Building Information Modeling (BIM)
Construction	Process Automation
Construction	Energy Labelling
Construction	Reuse and Recycling of CDW
Construction	Sheet Filing Operation (for Bridges)
Construction	Mechatronic technology of the HE
Construction	Underwater fiber optic cables (installation)
Construction	Tunneling (for subways)
Construction	Electronics/programming for green technologies
Construction	Climate change resilient construction
Construction	Aluminum and Glass installers
Construction	Building Wiring Installation Worker
Construction	Insulation Worker
Construction	Laborer
Construction	Pre-cast Fabricator
Construction	Pre-cast Installer

Sector	Job/Occupation
Construction	Production Worker
Construction	Roofer
Construction	Sandblaster
Construction	Tinsmith
Health and Wellness	Internet of Things
Health and Wellness	Artificial Intelligence
Health and Wellness	Neurotechnology
Health and Wellness	Additive Manufacturing
Health and Wellness	Nanomaterials
Health and Wellness	Synthetic Biology
Health and Wellness	Child Development Service Providers
Health and Wellness	barangay nutrition scholar
Health and Wellness	day care worker
Health and Wellness	child development teacher
Health and Wellness	teacher-aide
Health and Wellness	rural health midwives
Health and Wellness	social workers
Health and Wellness	parent effectiveness service volunteer
Health and Wellness	family day care provider
Health and Wellness	Hospital Attendant
Health and Wellness	Midwifery Professional
Health and Wellness	Respiratory Therapist
Health and Wellness	2D Echocardiography Technician
Health and Wellness	Radiology Technician
Health and Wellness	Dietetic Technician
Health and Wellness	Embalmer
Health and Wellness	Medical Specialist
Health and Wellness	Nutritionist
Health and Wellness	Optometrist
Health and Wellness	Physical Therapy Technician
Health and Wellness	Psychologist
Health and Wellness	Dentist
Health and Wellness	Dietitian
Health and Wellness	Medical Doctor
Health and Wellness	Medical Officer
Health and Wellness	Medical Technologist
Health and Wellness	Medical X-ray Technician
Health and Wellness	Nurse

Sector	Job/Occupation
Health and Wellness	Pharmacist
Health and Wellness	Physical Therapist
Health and Wellness	Veterinarian
Health and Wellness	Hair Transplant Technician
Health and Wellness	Nanotechnologist
Health and Wellness	Equipment Technician
Health and Wellness	Audiometrician
Health and Wellness	Clinic Assistant (for Dermatologist/Cosmetic Surgeon)
Health and Wellness	Safety Officers
Health and Wellness	Sanitary Inspection Officer Training
Information and Communication Technology	Automation and Artificial Intelligence
Information and Communication Technology	Application Development Management (ADM)
Information and Communication Technology	System Integration
Information and Communication Technology	Automation Enablement
Information and Communication Technology	IoT-Enablement languages
Information and Communication Technology	Preventive Health
Information and Communication Technology	Remote Healthcare Management
Information and Communication Technology	Augmented & Virtual Reality (AR/VR)
Information and Communication Technology	Knowledge Process Outsourcing
Information and Communication Technology	Big Data and Analytics (BDA)
Information and Communication Technology	Internet-of-Things (IoT)
Information and Communication Technology	Engineering Services Outsourcing (ESO)
Information and Communication Technology	Performance Management
Information and Communication Technology	Legal Process Outsourcing (LPO)
Information and Communication Technology	Provider Services
Information and Communication Technology	Industry specific services for Telecom, Healthcare, Insurance and Pharmaceutical
Information and Communication Technology	Administration and Maintenance
Information and Communication Technology	Android App Development
Information and Communication Technology	Content Writing
Information and Communication Technology	Emotional Intelligence
Information and Communication Technology	Hybrid App Development
Information and Communication Technology	Intermediate Software
Information and Communication Technology	Intermediate Software Quality Assurance
Information and Communication Technology	Multi-lingual agents
Information and Communication Technology	Online Teaching in the 21st Century Environment
Information and Communication Technology	People Management
Information and Communication Technology	Service Orientation

Sector	Job/Occupation
Information and Communication Technology	Social Media Care Specialist
Information and Communication Technology	System and Database Server
Information and Communication Technology	Video Editing
Information and Communication Technology	Virtual Assistants
Information and Communication Technology	Worker's Compensation Trainee
Information and Communication Technology	Worker's Compensation Associate
Information and Communication Technology	Worker's Compensation Specialist
Information and Communication Technology	Worker's Compensation Manager
Information and Communication Technology	UM/UR
Information and Communication Technology	Telemedicine
Information and Communication Technology	Behavioral Health Professionals
Information and Communication Technology	Genetic Counselling Professionals
Information and Communication Technology	Enterprise Technical Architecture
Information and Communication Technology	Database Administration
Information and Communication Technology	Business Analysis
Information and Communication Technology	HR Management
Information and Communication Technology	Risk and Compliance Analysis
Information and Communication Technology	Risk and Compliance Management
Information and Communication Technology	Business Process Improvement
Information and Communication Technology	Training Quality Assurance
Information and Communication Technology	Workforce Management
Information and Communication Technology	Data analytics
Information and Communication Technology	Artificial intelligence
Information and Communication Technology	Machine learning
Information and Communication Technology	Automation enablement
Information and Communication Technology	Robotics
Information and Communication Technology	Internet of things
Information and Communication Technology	IT-related skills
Information and Communication Technology	Emotional intelligence
Information and Communication Technology	People management
Information and Communication Technology	Virtual reality
Information and Communication Technology	Complex problem solving
Information and Communication Technology	Bookkeeper
Information and Communication Technology	Encoder/Transcriptionist
Information and Communication Technology	Marketing Telemarketer
Information and Communication Technology	Medical Transcriptionist
Information and Communication Technology	Technical Draftsman
Information and Communication Technology	Sales Professional

Sector	Job/Occupation
Information and Communication Technology	Marketing Specialist
Information and Communication Technology	Administrative Managers
Information and Communication Technology	Recruiter
Information and Communication Technology	HR Specialist
Information and Communication Technology	IT Consultant
Information and Communication Technology	Accountant
Information and Communication Technology	Online Writer/Editor
Information and Communication Technology	Testing and Data Collection
Information and Communication Technology	Digital Marketing
Information and Communication Technology	Marketing Automation
Information and Communication Technology	Search Engine Optimization
Information and Communication Technology	Online Teacher
Information and Communication Technology	Internet Entrepreneur/Online Seller
Information and Communication Technology	Customer Service Assistants
Information and Communication Technology	Online Trading or Stock Market
Information and Communication Technology	Online Gaming
Manufacturing	Machine Operation (unspecific)
Manufacturing	Metal Fabrication (unspecific)
Manufacturing	Iron and Steel Production
Manufacturing	Aerospace Manufacturing - Aerospace Parts Production
Manufacturing	Aerospace Manufacturing - Aircraft Maintenance and Repair
Manufacturing	Aircraft Maintenance and Repair - Aircraft Overhaul
Manufacturing	Copper Production - Copper Wire Manufacturing
Manufacturing	Copper Production - Copper Rod Manufacturing
Manufacturing	Electronics Manufacturing - Integrated Circuit Design and Production
Manufacturing	Automotive Servicing for Hybrid Vehicles (Hybrid Specialist)
Manufacturing	Computer-Aided Design and Manufacturing (CAD/CAM) Operator
Manufacturing	Carpenter
Manufacturing	Computer Numerical Control (CNC) Operator
Manufacturing	Deburring Technician (for deburring operations)
Manufacturing	CNC Machinist Molders (for plastics)
Manufacturing	Motorcycle Operator
Manufacturing	Technician
Manufacturing	Service Technician

Sector	Job/Occupation
Manufacturing	Supervisory Control and Data Acquisition (SCADA) Operator
Manufacturing	Upholsterer
Manufacturing	Weaver
Metals and Engineering	Sword Blacksmith
Metals and Engineering	Copper Smelting and Refining
Tourism	Senior Managers/ Supervisors
Tourism	Pilots
Tourism	Aircraft Mechanics
Tourism	Flight Engineers
Tourism	Service Crew
Tourism	Communication Personnel
Tourism	Services in Eco-Tourism
Tourism	Hotelier
Tourism	Interpreters
Tourism	Tourism Instructor
Tourism	Multi-lingual Service Crew
Tourism	Licensed and Multi-lingual Tour Guide
Tourism	Multi-lingual Interpreter
Tourism	Ice carver
Tourism	Posologist (Agri-tourism)
Tourism	Department Coordinators
Tourism	Foreign Languages
Tourism	Managerial Position
Tourism	Multiple Languages
Tourism	Stress and Time Management
Tourism	Tourism Site Planner/ Developer
Tourism	Traffic Management
Transportation, Communication and Storage and Logistics	Green Skills
Transportation, Communication and Storage and Logistics	Human Resource Assistant
Transportation, Communication and Storage and Logistics	Communication Specialist
Transportation, Communication and Storage and Logistics	Delivery Associate
Transportation, Communication and Storage and Logistics	Engineering Manager
Transportation, Communication and Storage and Logistics	Electrical Engineer

Sector	Job/Occupation
Transportation, Communication and Storage and Logistics	Parts Pricing
Transportation, Communication and Storage and Logistics	Human Resource Manager
Transportation, Communication and Storage and Logistics	Mechanical Engineer
Transportation, Communication and Storage and Logistics	Safety Manager
Transportation, Communication and Storage and Logistics	Order Tracker/Coordinator
Transportation, Communication and Storage and Logistics	Freight forwarders
Transportation, Communication and Storage and Logistics	Shipping Line Personnel
Transportation, Communication and Storage and Logistics	Airline Staff
Transportation, Communication and Storage and Logistics	Ground Handler
Transportation, Communication and Storage and Logistics	Motorcycle Driver
Transportation, Communication and Storage and Logistics	Conductor
Transportation, Communication and Storage and Logistics	Helper
Transportation, Communication and Storage and Logistics	Dispatcher
Transportation, Communication and Storage and Logistics	Route Planner
Transportation, Communication and Storage and Logistics	Dispatch Supervisor
Transportation, Communication and Storage and Logistics	Transport Director
Transportation, Communication and Storage and Logistics	Delivery Supervisor
Transportation, Communication and Storage and Logistics	Courier
Transportation, Communication and Storage and Logistics	Export Brokerage Clerk
Transportation, Communication and Storage and Logistics	Scheduler
Transportation, Communication and Storage and Logistics	Shipper and Receiver
Transportation, Communication and Storage and Logistics	Inventory Clerk
Transportation, Communication and Storage and Logistics	Jobs Coordinator
Transportation, Communication and Storage and Logistics	Logistics Support Clerk
Transportation, Communication and Storage and Logistics	Call Center Operator

Sector	Job/Occupation
Transportation, Communication and Storage and Logistics	Operations Manager
Transportation, Communication and Storage and Logistics	Research Clerk
Transportation, Communication and Storage and Logistics	Planning Director
Transportation, Communication and Storage and Logistics	Marketing Analyst
Transportation, Communication and Storage and Logistics	Business Development Manager

Sector	Emerging Skills
Agriculture Forestry and Fishery	evisceration processor
Agriculture Forestry and Fishery	genomicist
Agriculture Forestry and Fishery	Internet of Things
Agriculture Forestry and Fishery	Climate-smart Practices
Agriculture Forestry and Fishery	Automation
Agriculture Forestry and Fishery	Chatbots
Agriculture Forestry and Fishery	Drones
Agriculture Forestry and Fishery	Block chains
Agriculture Forestry and Fishery	Nanotechnology
Agriculture Forestry and Fishery	Food sharing and crowd farming
Agriculture Forestry and Fishery	Green Technology and Green Practices
Construction	Nano/Microsatellites
Construction	3D Drafter
Construction	BIM Modeler
Construction	BIM Specialist
Construction	BIM Manager
Construction	BIM Team Leader
Construction	Skills for AAC (autoclaved aerated concrete)
Construction	3D Drafter
Construction	Smart/Green Construction/Installation (Solar, Wind)
Construction	Skills for Engineering Services Outsourcing (ESO)
Construction	Skills for Glass Fiber Reinforce Concrete (GFRC)
Construction	Process Automation Specialists
Construction	Robotics specialist and engineer
Construction	Rubberized asphalt (asphalting)
Construction	Skills for sea-based construction
Construction	Fiber Optic Cable (Underwater) Installation
Construction	Tunnelling (for the subway)
Construction	Energy Labelling
Construction	Reuse and Recycling of CDW
Health and Wellness	Health and Wellness Coaching
Health and Wellness	Lifestyle Medicine
Health and Wellness	Data Analysts and Scientists
Health and Wellness	Biologists and Geneticists
Health and Wellness	AI and Machine Learning Specialists
Health and Wellness	Information Technology Services
Health and Wellness	Environmental and Occupational Health and Hygiene Professionals
Health and Wellness	Big Data Specialists

Sector	Emerging Skills
Health and Wellness	Administrative and Executive Secretaries
Health and Wellness	Supply Chain and Logistics Specialists
Health and Wellness	Specialist Medical Practitioners
Information and Communication Technology	Super agents (multi-taskers)
Information and Communication Technology	Automation and Artificial Intelligence
Information and Communication Technology	Application Development Management (ADM)
Information and Communication Technology	System Integration
Information and Communication Technology	Automation Enablement
Information and Communication Technology	IoT-Enablement languages
Information and Communication Technology	Preventive Health
Information and Communication Technology	Remote Healthcare Management
Information and Communication Technology	3D animation
Information and Communication Technology	Augmented & Virtual Reality (AR/VR)
Information and Communication Technology	Gamification
Information and Communication Technology	Knowledge Process Outsourcing
Information and Communication Technology	Big Data and Analytics (BDA)
Information and Communication Technology	Internet-of-Things (IoT)
Information and Communication Technology	Engineering Services Outsourcing (ESO)
Information and Communication Technology	Performance Management
Information and Communication Technology	Legal Process Outsourcing (LPO)
Information and Communication Technology	Provider Services
Information and Communication Technology	Industry specific services for Telecom, Healthcare, Insurance and Pharmaceutical
Information and Communication Technology	Behavioral Health Professionals
Information and Communication Technology	Genetic Counselling Professionals
Information and Communication Technology	Machine Learning
Information and Communication Technology	Sale services
Information and Communication Technology	Robotics
Information and Communication Technology	IT-related skills
Information and Communication Technology	Emotional Intelligence
Information and Communication Technology	Programming skills
Information and Communication Technology	People management
Information and Communication Technology	Complex problem solving
Information and Communication Technology	Cloud Computing
Manufacturing	Compliance to Standards and Certifications
Manufacturing	Critical Thinking
Manufacturing	Quality Control (Total and Statistical)
Manufacturing	Occupational Safety

Sector	Emerging Skills
Manufacturing	Leadership and People Supervision
Manufacturing	Shopfloor Math
Manufacturing	General and Operations Managers
Manufacturing	AI and Machine Learning Specialists
Manufacturing	Sales and Marketing Professionals
Manufacturing	Organisational Development Specialists
Manufacturing	Mechanical Engineers
Manufacturing	Data Analysts and Scientists
Manufacturing	Research and Development Officers
Manufacturing	New Technology Specialists
Manufacturing	Innovation Professionals
Manufacturing	Advance materials and additive manufacturing
Manufacturing	Artificial intelligence
Manufacturing	Big Data
Manufacturing	Cloud Computing
Manufacturing	Cybersecurity
Manufacturing	Internet of Things
Manufacturing	Robotics
Manufacturing	Modeling Simulation, Visualization and Immersion
Tourism	Digital Marketing
Tourism	Eco-tourism
Tourism	Foreign Language Skills
Tourism	General and Operations Managers
Tourism	Data Analysts and Scientists
Tourism	User Experience and Human-Machine Interaction Designers
Tourism	AI and Machine Learning Specialists
Tourism	Software and Applications Developers
Tourism	Sales and Marketing Professionals
Tourism	Product Managers
Tourism	Innovation Professionals
Tourism	Information Security Analysts
Tourism	Brand and Communications Specialist
Transportation, Communication and Storage and Logistics	E-Commerce and Social Media Specialists
Transportation, Communication and Storage and Logistics	>Process Automation >Robotics
Transportation, Communication and Storage and Logistics	Order Tracking/Coordinating

Sector	Emerging Skills
Transportation, Communication and Storage and Logistics	>Transport Network Vehicle Service (TNVS) >Vehicle Sharing Service
Transportation, Communication and Storage and Logistics	Information Security Analysts
Transportation, Communication and Storage and Logistics	Logistics Software
Transportation, Communication and Storage and Logistics	Data Analysts and Scientists
Transportation, Communication and Storage and Logistics	AI and Machine Learning Specialists
Transportation, Communication and Storage and Logistics	Process Automation Specialist
Transportation, Communication and Storage and Logistics	Software and Applications Developers and Analysts
Transportation, Communication and Storage and Logistics	Innovation Professionals
Transportation, Communication and Storage and Logistics	Sales and Marketing Professionals
Transportation, Communication and Storage and Logistics	Service and Solutions Designers
Transportation, Communication and Storage and Logistics	Product Managers
Transportation, Communication and Storage and Logistics	Industrial and Production Engineers
Transportation, Communication and Storage and Logistics	Supply Chain and Logistics Specialists

Sector	Soft Skills/Essential Skills
Agriculture Forestry and Fishery	diagnostic ability
Agriculture Forestry and Fishery	> promotion of products > use of mobile applications
Automotive and Land Transportation	communication skills
Automotive and Land Transportation	teamwork
Automotive and Land Transportation	cooperative
Automotive and Land Transportation	proactive
Automotive and Land Transportation	flexible
Health and Wellness	Use of electronic medical records
Health and Wellness	Occupational Safety and Health
Health and Wellness	Basic sanitation
Health and Wellness	Ethical Standards
Health and Wellness	Professionalism
Health and Wellness	Customer Relations
Health and Wellness	Preventive or curative medical knowledge
Health and Wellness	Standard of care
Information and Communication Technology	STEM skills
Information and Communication Technology	English proficiency
Information and Communication Technology	Creativity
Information and Communication Technology	Leadership skills
Information and Communication Technology	Emotional quotient (EQ)
Information and Communication Technology	basic math
Information and Communication Technology	Communication skills
Information and Communication Technology	Comprehension
Information and Communication Technology	Analytical
Information and Communication Technology	Critical thinking
Information and Communication Technology	Logical
Information and Communication Technology	Ethical
Information and Communication Technology	Computer literacy
Information and Communication Technology	Hardware servicing
Information and Communication Technology	Typing
Information and Communication Technology	Multitasking skills
Information and Communication Technology	Advance coding
Information and Communication Technology	Entrepreneurial skills
Information and Communication Technology	Customer Service
Information and Communication Technology	Time Management
Information and Communication Technology	Independence
Information and Communication Technology	Self-motivation

Sector	Soft Skills/Essential Skills
Information and Communication Technology	Flexible or adaptable
Information and Communication Technology	Results-oriented
Information and Communication Technology	Collaboration
Information and Communication Technology	Reliability
Information and Communication Technology	Positive Attitude
Manufacturing	Industrial Internet of Things
Manufacturing	Big Data
Manufacturing	Robotics
Manufacturing	Artificial Intelligence
Manufacturing	Sensor Production
Manufacturing	Autonomous Vehicles Production
Manufacturing	3D Printing / Additive Manufacturing
Manufacturing	Smart Devices
Manufacturing	Cyber Security
Tourism	IT skills
Tourism	Management skills
Tourism	Business skills
Tourism	People Management
Tourism	Personal skills
Tourism	Tourism skills
Tourism	Communication and language skills
Tourism	Food preparation and hygiene
Tourism	Tourism orientation
Tourism	Sustainable tourism training on coastal ecology and habitat protection
Tourism	Customer Service
Tourism	Foreign Language Skills
Tourism	Team Work
Tourism	Workplace health and safety
Tourism	Computer literacy
Transportation, Communication and Storage and Logistics	Communication skills
Transportation, Communication and Storage and Logistics	Computer skills
Transportation, Communication and Storage and Logistics	Math skills
Transportation, Communication and Storage and Logistics	Good moral character

Sector	Soft Skills/Essential Skills
Transportation, Communication and Storage and Logistics	Professionalism
Transportation, Communication and Storage and Logistics	Integrity
Transportation, Communication and Storage and Logistics	core soft skills
Transportation, Communication and Storage and Logistics	initiative
Transportation, Communication and Storage and Logistics	dedication
Transportation, Communication and Storage and Logistics	Customer Service
Transportation, Communication and Storage and Logistics	work ethics
Transportation, Communication and Storage and Logistics	determination
Transportation, Communication and Storage and Logistics	Leadership skills
Transportation, Communication and Storage and Logistics	Safety skills
Transportation, Communication and Storage and Logistics	Green Skills
Transportation, Communication and Storage and Logistics	Management and organization Skills

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Agriculture Forestry and Fishery	machine operation						Rice Machinery Operations NC II Agricultural Machinery Operations NC II	evisceration processor genomicist Internet of Things Climate-smart Practices Automation Chatbots Drones Blockchains Nanotechnology Food sharing and crowd farming Green Technology and Green Practices	diagnostic ability promotion of products use of mobile application
Agriculture Forestry and Fishery	tractors	hand tractor operator					Agricultural Machinery Servicing (4-Wheel Tractor) NC III		
Agriculture Forestry and Fishery	tillers						> Agricultural Crops Production NC I > Agricultural Crops Production NC II > Agricultural Crops Production NC III		
Agriculture Forestry and Fishery	harvester						Horticulture NC III		
Agriculture Forestry and Fishery	mechanical dryers						Agricultural Machinery Operations NC II		
Agriculture Forestry and Fishery	threshers						Agricultural Machinery Operations NC II		
Agriculture Forestry and Fishery	milling equipment						Agricultural Machinery Operations NC II		
Agriculture Forestry and Fishery	small engine for fishing boats with fiberglass hulls						Motorcycle/Small Engine Servicing NC II		
Agriculture Forestry and Fishery		evisceration processor							

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Agriculture Forestry and Fishery		genomicist							
Agriculture Forestry and Fishery		fish and marine products processor					> Food Processing NC I > Food Processing NC II > Food Processing NC III > Food Processing NC IV		
Agriculture Forestry and Fishery		fish feeder					Aquaculture NC II		
Agriculture Forestry and Fishery							> Fish Capture NC I > Fish Capture NC II		
Agriculture Forestry and Fishery		food processor					> Food Processing NC I > Food Processing NC II > Food Processing NC III > Food Processing NC IV		
Agriculture Forestry and Fishery		heavy equipment mechanic					Heavy Equipment Servicing (Mechanical) NC II		
Agriculture Forestry and Fishery		horticultural worker					Horticulture NC III		
Agriculture Forestry and Fishery		land surveyor							
Agriculture Forestry and Fishery		marine biologist							

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Agriculture Forestry and Fishery		marketing officer							
Agriculture Forestry and Fishery		marketing specialist							
Agriculture Forestry and Fishery		packer					Fish Products Packaging NC II		
Agriculture Forestry and Fishery		piggery worker/ technician					Animal Production (Swine) NC II		
Agriculture Forestry and Fishery		plant operator							
Agriculture Forestry and Fishery		plant pathologist					Agro-entrepreneurship NC II / III / IV		
Agriculture Forestry and Fishery		poultry producer					Animal Production (Poultry-Chicken) NC II		
Agriculture Forestry and Fishery		purchaser							
Agriculture Forestry and Fishery		quality control technician							
Agriculture Forestry and Fishery		sales representative/ sales officer							
Agriculture Forestry and Fishery		seaweed farmer					Seaweeds Production NC II		
Agriculture Forestry and Fishery		slaughterer					> Slaughtering Operations (Large Animal) NC II > Slaughtering Operations (Swine) NC II		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Agriculture Forestry and Fishery			coffee plant propagator						
Agriculture Forestry and Fishery				Operation and maintenance of an automated agriculture system					
Agriculture Forestry and Fishery				Repair and servicing of smart farming equipment					
Agriculture Forestry and Fishery				Installation and management of smart farming systems					
Agriculture Forestry and Fishery				Use of e-commerce technologies					
Agriculture Forestry and Fishery				Use of geographic information system					
Agriculture Forestry and Fishery				Climate-smart farming data analysis					
Agriculture Forestry and Fishery				Quality and safety control (production process)					
Agriculture Forestry and Fishery					Abacca Production/ Processing				
Agriculture Forestry and Fishery					Bag Making (Abaca/Piña)				

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Agriculture Forestry and Fishery					Bamboo Chips Making (Food Group)				
Agriculture Forestry and Fishery					Bamboo Weaving (Amakan, Tabig)				
Agriculture Forestry and Fishery					Bamboo Yam Development				
Agriculture Forestry and Fishery					Banana Production				
Agriculture Forestry and Fishery					Bastry/ Trays Using Bamboo				
Agriculture Forestry and Fishery					Beekeeping				
Agriculture Forestry and Fishery					Chemical Waste Process				
Agriculture Forestry and Fishery					Coco Coir Geonet Installation and Maintenance				
Agriculture Forestry and Fishery					Coco Coir Production				
Agriculture Forestry and Fishery					Dredging				
Agriculture Forestry and Fishery					Drip Irrigation Technology				
Agriculture Forestry and Fishery					Duck Raising and value-				

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
					adding of by-products				
Agriculture Forestry and Fishery					Farm Automation				
Agriculture Forestry and Fishery					Farm Implement Fabrication				
Agriculture Forestry and Fishery					Farm Tour and Technology Transfer				
Agriculture Forestry and Fishery					Fruit and Vegetable Dehydration				
Agriculture Forestry and Fishery					Ginger Production and Processing				
Agriculture Forestry and Fishery					Green House Technician				
Agriculture Forestry and Fishery					Guinea Fowl production and value-adding of by-products				
Agriculture Forestry and Fishery					Halal Slaughtering Operation				
Agriculture Forestry and Fishery					Hand Embroidery (Visayan) on piña, silk, abaca				
Agriculture Forestry and Fishery					Handmade Paper for Home Furnishing				

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Agriculture Forestry and Fishery					Herb Cubes and Fruit Juice Processing				
Agriculture Forestry and Fishery					Herbal Production (Herbalist)				
Agriculture Forestry and Fishery					Hydrophonics				
Agriculture Forestry and Fishery					Mushroom Culture and Production				
Agriculture Forestry and Fishery					Mushroom production				
Agriculture Forestry and Fishery					Natural Dye Development (Indigo, etc.)				
Agriculture Forestry and Fishery					Organic Farm Landscaping				
Agriculture Forestry and Fishery					Quail farming and value adding of by-products				
Agriculture Forestry and Fishery					Soil Conditioner Making				
Agriculture Forestry and Fishery					Telescopic Crane				
Agriculture Forestry and Fishery					Tramp Installation				
Agriculture Forestry and Fishery					Value adding of Agricultural Crops (focus commodity)				

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Agriculture Forestry and Fishery					Wine Making				
Agriculture Forestry and Fishery						Farmer/farm worker/ livestock and poultry raiser	Agricultural Crops Production NC I Agricultural Crops Production NC II Agricultural Crops Production NC III Grains Production NC II Fish Capture NC I Fish Capture NC II Horticulture NC III Animal Production (Poultry-Chicken) NC II Animal Production (Swine) NC II Animal Production (Ruminants) NC II		
Agriculture Forestry and Fishery						Fisherman, Aquaculture Farmer, Aquaculture Farm Caretaker/ Aide	Aquaculture NC II Fish Capture NC I Fish Capture NC II Fishport Wharf Operations NC I Seaweed Production NC II		
Automotive and Land Transportation					Computer Box System Servicing				communication skills teamwork cooperative proactive flexible
Automotive and Land Transportation					Testing and Calibration				
Automotive and Land Transportation					Math Skills				

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Automotive and Land Transportation						Applied mechanics			
Automotive and Land Transportation						Processing Technology and QCD			
Automotive and Land Transportation						Machine operation	>Press Machine Operation NC I >CNC Milling Machine Operation NC II >CNC Milling Machine Operation NC III >CNC Lathe Machine Operation NC II >CNC Lathe Machine Operation NC III >Plastic Machine Operation NC II >Plastic Machine Operation NC III		
Automotive and Land Transportation						knowledge and skills related to drawings and welding			
Construction	Nano/ Micro-satellites							Nano/ Micro-satellites 3D Drafter BIM Modeler BIM Specialist BIM Manager BIM Team Leader Skills for AAC	
Construction		Bricklayer and Related Worker					Tile Setting NC II		
Construction		Building Construction Engineer							

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Construction		Cabinet-maker					> Carpentry NC II > Carpentry NC III	(autoclaved aerated concrete) 3D Drafter Smart/Green Construction/Installation (Solar, Wind) Skills for Engineering Services Outsourcing (ESO) Skills for Glass Fiber Reinforce Concrete (GFRC) Process Automation Specialists Robotics specialist and engineer Rubberized asphalt (asphalting) Skills for sea-based construction Fiber Optic Cable (Underwater) Installation Tunnelling (for the subway) Energy Labelling Reuse and Recycling of CDW	
Construction		Dump Truck Loader					> HEO (Articulated Off-Highway Dump Truck) NC II > HEO (Rigid Off-Highway Dump Truck) NC II > HEO (Rigid On-Highway Dump Truck) NC II		
Construction		Field Engineer							
Construction		Laborer/Helper				Laborer	> Masonry NC I > Masonry NC II > Masonry NC III		
Construction		Molding and Casting Worker							
Construction		Painter				Construction Painter	> Construction Painting NC II > Construction Painting NC III		
Construction		Pipe Fitter				Pipefitter	Pipefitting (Metallic) NC II		
Construction		Production Worker							
Construction		Heavy Equipment Mechanic				Heavy Equipment Mechanic	Heavy Equipment Servicing (Mechanical) NC II		
Construction		Land Surveyor							
Construction		Asphalt Roofer							
Construction		Road Grader and Scraper Operator					HEO (Motor Grader) NC II		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Construction		Air Duct Worker							
Construction		Foreman/ woman, Assembly				Foreman			
Construction		Landscape Artist					Landscape Installation and Maintenance NC II		
Construction		Zoning Engineer							
Construction		AutoCAD Operator				AutoCAD Operator			
Construction				BIM Modeler					
Construction				BIM Specialist					
Construction				BIM Manager					
Construction				BIM Team Leader					
Construction				Electrical and Plumbing (MEP)					
Construction					(Traditional Bahay Kubo Windows Design to Preserve Patterns) for Carpenters and Architects (Filipino Craftsmanship for low cost housing)				
Construction				3D Printing					
Construction				Analytics					

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Construction					Electricity, Gas, Steam & Airconditioning Supply				
Construction					Renewable Energy				
Construction						Rigger	Rigging NC I		
Construction						Tile Setters	Tile Setting NC II		
Construction						Mobile Crane Operator	HEO (Truck Mounted Crane) NC II		
Construction						Scaffolder	Scaffolding Works NC II (Supported Type Scaffold)		
Construction						Pipefitters	Pipefitting (Metallic) NC II		
Construction						Vibro Machine Operator	None		
Construction						Carpenter	Carpentry NC II Carpentry NC III		
Construction						Heavy Equipment Operator	HEO Operator (Various NC)		
Construction						Hydraulic Excavator Operator	HEO (Hydraulic Excavator) NC II		
Construction						Rebar	Reinforcing Steel Works NC II		
Construction						Hydraulic Operators	HEO (Hydraulic Excavator) NC II		
Construction						Electrician	Electrical Installation and Maintenance NC II Electrical Installation and Maintenance NC		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
							III Electrical Installation and Maintenance NC IV		
Construction						Plumber	Plumbing NC I Plumbing NC II Plumbing NC III		
Construction						Installer			
Construction						Excavators	HEO (Hydraulic Excavator) NC II		
Construction						Steel Man	Reinforcing Steel Works NC II		
Construction						Leadman			
Construction						Supervisor			
Construction						Surveyor			
Construction						Density Testing Aide			
Construction						Draftsman	Technical Drafting NC II		
Construction						Safety Nurse			
Construction						Civil Engineer			
Construction						Quality Assurance Inspection			
Construction						Quality Control Inspection			
Construction						Materials Engineering			

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Construction						Electrical/Electrician	Electrical Installation and Maintenance NC II Electrical Installation and Maintenance NC III Electrical Installation and Maintenance NC IV		
Construction						Green Construction			
Construction						Building Information Modeling (BIM)			
Construction						Process Automation			
Construction						Energy Labelling			
Construction						Reuse and Recycling of CDW			
Construction						Mixer	HEO (Transit Mixer) NC II		
Construction						Bulldozer	Heavy Equipment Operation (Bulldozer) NC II		
Construction						Paver	HEO (Paver) NC II		
Construction						Crane Operation (including Mobile Cranes)	HEO (Gantry Crane) NC II HEO (Crawler Crane) NC II HEO (Rough Terrain Crane) NC II HEO (Tower Crane) NC II		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
							HEO (Truck Mounted Crane) NC II		
Construction						Sheet Filing Operation (for Bridges)			
Construction						Mechatronic technology of the HE			
Construction						Underwater fiber optic cables (installation)			
Construction						Tunneling (for subways)			
Construction						Electronics/programming for green technologies			
Construction						Climate change resilient construction			
Construction						Aluminum and Glass installers			
Construction						Bookkeeper	Bookkeeping NC III		
Construction						Building Wiring Installation Worker			

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Construction						Driver	Driving NC II Driving (Passenger Bus/Straight Truck) NC III Driving (Articulated Vehicle) NC III		
Construction						Insulation Worker			
Construction						Laborer			
Construction						Masons	> Masonry NC I > Masonry NC II > Masonry NC III		
Construction						Pre-cast Fabricator			
Construction						Pre-cast Installer			
Construction						Production Worker			
Construction						Roofer			
Construction						Sandblaster			
Construction						Scaffold Erector	Scaffolding Works NC II (Supported Type Scaffold)		
Construction						Tinsmith			
Construction						Welder	> Shielded Metal Arc Welding (SMAW) NC I > Shielded Metal Arc Welding (SMAW) NC II > Shielded Metal Arc Welding (SMAW) NC III > Shielded Metal		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
							Arc Welding (SMAW) NC IV > Gas Metal Arc Welding (GMAW) NC I > Gas Metal Arc Welding (GMAW) NC II > Gas Metal Arc Welding (GMAW) NC III > Submerged Arc Welding (SAW) NC I > Submerged Arc Welding (SAW) NC II > Flux Cored Arc Welding (FCAW) NC I > Flux Cored Arc Welding (FCAW) NC II > Flux Cored Arc Welding (FCAW) NC III > Gas Welding NC I > Gas Welding NC II		
Health and Wellness	Internet of Things							Health and Wellness Coaching Lifestyle Medicine Data Analysts and Scientists	Use of electronic medical records Occupational Safety and Health
Health and Wellness	Artificial Intelligence								
Health and Wellness	Neurotechnology								

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Health and Wellness	Additive Manufacturing							Biologists and Geneticists AI and Machine Learning Specialists Information Technology Services Environmental and Occupational Health and Hygiene Professionals Big Data Specialists Administrative and Executive Secretaries Supply Chain and Logistics Specialists Specialist Medical Practitioners	Basic sanitation Ethical Standards Professionalism Customer Relations Preventive or curative medical knowledge Standard of care
Health and Wellness	Nanomaterials								
Health and Wellness	Synthetic Biology								
Health and Wellness	Child Development Service Providers								
Health and Wellness	community health worker						Barangay Health Services NC II		
Health and Wellness	barangay nutrition scholar								
Health and Wellness	day care worker								
Health and Wellness	child development teacher								
Health and Wellness	teacher-aide								
Health and Wellness	rural health midwives								
Health and Wellness	social workers								
Health and Wellness	parent effectiveness service volunteer								
Health and Wellness	family day care provider								

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Health and Wellness		Hospital Attendant							
Health and Wellness		Midwifery Professional							
Health and Wellness		Respiratory Therapist							
Health and Wellness		2D Echocardiography Technician							
Health and Wellness		Radiology Technician							
Health and Wellness		Dietetic Technician							
Health and Wellness		Embalmer							
Health and Wellness		Medical Specialist							
Health and Wellness		Nutritionist							
Health and Wellness		Optometrist							
Health and Wellness		Physical Therapy Technician							
Health and Wellness		Psychologist							
Health and Wellness		Customer Service Representative					Customer Services NC II		
Health and Wellness		Dentist							
Health and Wellness		Dietitian							
Health and Wellness		Massage Therapist				Massage Therapist	Massage Therapy NC II Hilot (Wellness Massage) NC II		
Health and Wellness		Medical Doctor							

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Health and Wellness		Medical Officer							
Health and Wellness		Medical Technologist							
Health and Wellness		Medical X-ray Technician							
Health and Wellness		Nurse							
Health and Wellness		Pharmacist							
Health and Wellness		Pharmacy Aide					Pharmacy Services NC III		
Health and Wellness		Physical Therapist							
Health and Wellness		Veterinarian							
Health and Wellness		Hair Transplant Technician							
Health and Wellness		Nanotechnologist							
Health and Wellness			Agri-crops Production Worker (Natural Health Products Industry Roadmap)				> Agricultural Crops Production NC I > Agricultural Crops Production NC II > Agricultural Crops Production NC III		
Health and Wellness				Equipment Technician					
Health and Wellness				Emergency Medical Technician			Emergency Medical Services NC II		
Health and Wellness				Audiometrician					
Health and Wellness				Optician			Opthalmic Lens Services NC II		

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Health and Wellness				Front-liners' Skills			Customer Services NC II		
Health and Wellness				Clinic Assistant (for Dermatologist/ Cosmetic Surgeon)					
Health and Wellness				Dental Equipment Laboratory Technician			> Dental Laboratory Technology Services NC I > Dental Laboratory Technology Services (Fixed Dentures/Restorations) NC II > Dental Laboratory Technology Services (Removable Dentures/Appliances) NC II > Dental Technology NC IV		
Health and Wellness				Dental Assistant			Dental Hygiene Level IV		
Health and Wellness				Caregiver			Caregiving NC II		
Health and Wellness				Nursing Aide			Health Care Services NC II		
Health and Wellness					Safety Officers				
Health and Wellness					Sanitary Inspection Officer Training				
Health and Wellness						Pharmacy Assistant	Pharmacy Services NC III		

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Information and Communication Technology		Autocad Designers and Operators				CAD/CAM Operator	~Technical Drafting NC II -Prepare computer-aided drawings ~CAD/CAM Operation NC III -Create drawing using CAD software -Apply CAD/CAM program	Super agents (multi-taskers) Automation and Artificial Intelligence Application Development Management (ADM) System Integration Automation Enablement IoT-Enablement languages Preventive Health Remote Healthcare Management 3D animation	STEM skills English proficiency Creativity Leadership skills Emotional quotient (EQ) basic math Communication skills Comprehension Analytical Critical thinking Logical Ethical
Information and Communication Technology		Call Center Agents				Call Center Agents (Both voice and non-voice)	Contact Center Services NC II		Computer literacy
Information and Communication Technology		Customer Service Representative				Customer Service Representative/Specialist	~Contact Center Services NC II ~Customer Services NC II		Hardware servicing Typing Multitasking skills
Information and Communication Technology		Software Developers					• Web Development NC III • Game Programming NC III • Programming (.Net Technology) NC III • Programming (Java) NC III • Programming (Oracle Database) NC III	Augmented & Virtual Reality (AR/VR) Gamification Knowledge Process Outsourcing Big Data and Analytics (BDA) Internet-of-Things (IoT) Engineering Services	Advance coding Entreprenurial skills Customer Service Time Managem

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Information and Communication Technology		Technical Support					• Customer Service NC II • Cable TV Installation NC II • Cable TV Operation and Maintenance NC III • Broadband Installation (Fixed Wireless Systems) NC II • Telecom OSP and Subscriber Line Installation (Copper Cable/POTS and DSL) NC II • Telecom OSP Installation (Fiber Optic Cable) NC II	Outsourcing (ESO) Performance Management Legal Process Outsourcing (LPO) Provider Services Industry specific services for Telecom, Healthcare, Insurance and Pharmaceutical Behavioral Health Professionals Genetic Counselling Professionals Machine Learning Sale services Robotics IT-related skills Emotional Intelligence Programming skills People	ent Independence Self-motivation Flexible or adaptable Results-oriented Collaboration Reliability Positive Attitude
Information and Communication Technology		Virtual Assistants			Virtual Assistants	Virtual assistant			
Information and Communication Technology		Web Developer					• Web Development NC III		
Information and Communication Technology		Computer Transcriptionist					• Medical Transcription NC II • Contact Center Services NC II		

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Information and Communication Technology		IT Specialist/Staff					• Cable TV Installation NC II • Cable TV Operation and Maintenance NC III • Broadband Installation (Fixed Wireless Systems) NC II • Telecom OSP and Subscriber Line Installation (Copper Cable/POTS and DSL) NC II • Telecom OSP Installation (Fiber Optic Cable) NC II	management Complex problem solving Cloud Computing	
Information and Communication Technology		Graphic Artists				Graphic Artists (including Video Graphic Artist)	• 2D Animation NC III • 3D Animation NC III • Animation NC II • Visual Graphic Design NC III		
Information and Communication Technology		Programmer				Programmer	• Game Programming NC III • Programming (.Net Technology) NC III • Programming (Java) NC III • Programming (Oracle Database) NC III		

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Information and Communication Technology		Game Developer					• Game Programming NC III • 2D Animation NC III • 3D Animation NC III • Animation NC II		
Information and Communication Technology		IT Developer					• Web Development NC III • Game Programming NC III • Programming (.Net Technology) NC III • Programming (Java) NC III • Programming (Oracle Database) NC III		
Information and Communication Technology		Animator	3D animation			Animator	• 2D Animation NC III • 3D Animation NC III • Animation NC II		
Information and Communication Technology			Automation and Artificial Intelligence						
Information and Communication Technology			Application Development Management (ADM)						
Information and Communication Technology			System Integration						
Information and Communication Technology			Automation Enablement						

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Information and Communication Technology			IoT-Enablement languages						
Information and Communication Technology			Preventive Health						
Information and Communication Technology			Remote Healthcare Management						
Information and Communication Technology			Augmented & Virtual Reality (AR/VR)						
Information and Communication Technology			Gamification				3D Animation NC III 3D Game Art Development NC III Game Programming NC III		
Information and Communication Technology			Knowledge Process Outsourcing						
Information and Communication Technology			Big Data and Analytics (BDA)						
Information and Communication Technology			Internet-of-Things (IoT)						
Information and Communication Technology			Engineering Services Outsourcing (ESO)						
Information and Communication Technology			Performance Management						
Information and Communication Technology			Legal Process Outsourcing (LPO)						

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Information and Communication Technology			Provider Services						
Information and Communication Technology			Industry specific services for Telecom, Healthcare, Insurance and Pharmaceutical						
Information and Communication Technology					Administration and Maintenance				
Information and Communication Technology					Android App Development				
Information and Communication Technology					Content Writing				
Information and Communication Technology					Emotional Intelligence				
Information and Communication Technology					Hybrid App Development				
Information and Communication Technology					Intermediate Software				
Information and Communication Technology					Intermediate Software Quality Assurance				
Information and Communication Technology					Multi-lingual agents				

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Information and Communication Technology					Online Teaching in the 21st Century Environment				
Information and Communication Technology					People Management				
Information and Communication Technology					Service Orientation				
Information and Communication Technology					Social Media Care Specialist				
Information and Communication Technology					System and Database Server				
Information and Communication Technology					Video Editing				
Information and Communication Technology						Medical Claims Representative	• Medical Coding and Claims Processing NC III		
Information and Communication Technology						Medical Claims Specialist	• Medical Coding and Claims Processing NC III		
Information and Communication Technology						Medical Claims Manager	• Medical Coding and Claims Processing NC III		
Information and Communication Technology						Medical Claims Service Delivery Manager	• Medical Coding and Claims Processing NC III		
Information and Communication Technology						Worker's Compensation Trainee			
Information and Communication Technology						Worker's Compensation Associate			

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Information and Communication Technology						Worker's Compensation Specialist			
Information and Communication Technology						Worker's Compensation Manager			
Information and Communication Technology						UM/UR			
Information and Communication Technology						Medical Coder	• Medical Coding and Claims Processing NC III		
Information and Communication Technology						Telemedicine			
Information and Communication Technology						Behavioral Health Professionals			
Information and Communication Technology						Genetic Counselling Professionals			
Information and Communication Technology						Software Development	• Game Programming NC III • Programming (.Net Technology) NC III • Programming (Java) NC III • Programming (Oracle Database) NC III		
Information and Communication Technology						Enterprise Technical Architecture			
Information and Communication Technology						Database Administration			

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Information and Communication Technology						Business Analysis			
Information and Communication Technology						HR Management			
Information and Communication Technology						Risk and Compliance Analysis			
Information and Communication Technology						Risk and Compliance Management			
Information and Communication Technology						Sale services	• Customer Services NC II • Contact Center Services NC II		
Information and Communication Technology						Business Process Improvement	None		
Information and Communication Technology						Training Quality Assurance	None		
Information and Communication Technology						Client Servicing	• Customer Services NC II • Contact Center Services NC II		
Information and Communication Technology						Workforce Management	None		
Information and Communication Technology						Animation artistry	• 2D Animation NC III • 3D Animation NC III • Animation NC II		
Information and Communication Technology						Data analytics			

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Information and Communication Technology						Artificial intelligence			
Information and Communication Technology						Machine learning			
Information and Communication Technology						Automation enablement			
Information and Communication Technology						Robotics			
Information and Communication Technology						Internet of things			
Information and Communication Technology						IT-related skills			
Information and Communication Technology						Emotional intelligence			
Information and Communication Technology						People management			
Information and Communication Technology						Virtual reality			
Information and Communication Technology						Complex problem solving			
Information and Communication Technology						Bookkeeper			
Information and Communication Technology						Computer Systems Service Personnel/Technician IT Support Specialist	Computer Systems Servicing NC II		

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Information and Communication Technology						Encoder/Transcriptionist			
Information and Communication Technology						Marketing Telemarketer			
Information and Communication Technology						Medical Transcriptionist			
Information and Communication Technology						Technical Draftsman			
Information and Communication Technology						Sales Professional			
Information and Communication Technology						Marketing Specialist			
Information and Communication Technology						Administrative Managers			
Information and Communication Technology						Recruiter			
Information and Communication Technology						HR Specialist			
Information and Communication Technology						IT Consultant			
Information and Communication Technology						Accountant			
Information and Communication Technology						Online Writer/Editor			
Information and Communication Technology						Testing and Data Collection			

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Information and Communication Technology						Digital Marketing			
Information and Communication Technology						Marketing Automation			
Information and Communication Technology						Search Engine Optimization			
Information and Communication Technology						Online Teacher			
Information and Communication Technology						Internet Entrepreneur/ Online Seller			
Information and Communication Technology						Customer Service Assistants			
Information and Communication Technology						Online Trading or Stock Market			
Information and Communication Technology						Online Gaming			
Information and Communication Technology						IT Support/IT Technician/IT Specialist	Computer Systems Servicing NC II		
Information and Communication Technology						Content Development	Animation NC II 2D Animation NC III 3D Animation NC III Visual Graphic Design NC III		
Manufacturing	Machine Operation (unspecific)							Compliance to Standards and Certifications Critical Thinking Quality Control	Industrial Internet of Things Big Data Robotics
Manufacturing	Metal Fabrication (unspecific								

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Manufacturing		Metal Fabrication - Tool and Die	Metal Fabrication - Tool and Die					Tool and Die Making NC II	(Total and Statistical) Occupational Safety Leadership and People Supervision Shopfloor Math General and Operations Managers AI and Machine Learning Specialists Sales and Marketing Professionals Organisational Development Specialists Mechanical Engineers Data Analysts and Scientists Research and Development Officers New Technology Specialists Innovation Professionals Advance materials and additive manufacturing Artificial intelligence Big Data Cloud	Artificial Intelligence Sensor Production Autonomous Vehicles Production 3D Printing / Additive Manufacturing Smart Devices Cyber Security
Manufacturing		Metal Fabrication - Welding	Metal Fabrication - Welding				Welder	> Shielded Metal Arc Welding (SMAW) NC I > Shielded Metal Arc Welding (SMAW) NC II > Shielded Metal Arc Welding (SMAW) NC III > Shielded Metal Arc Welding (SMAW) NC IV > Gas Metal Arc Welding (GMAW) NC I > Gas Metal Arc Welding (GMAW) NC II > Gas Metal Arc Welding (GMAW) NC III > Submerged Arc Welding (SAW) NC I > Submerged Arc Welding (SAW) NC II > Flux Cored Arc Welding (FCAW) NC I > Flux Cored Arc Welding (FCAW) NC II > Flux Cored Arc Welding (FCAW) NC III		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
							> Gas Welding NC I > Gas Welding NC II	Computing Cybersecurity Internet of Things Robotics Modeling Simulation, Visualization and Immersion	
Manufacturing		Food Production - Food Processor	Food Production - Consumer Foods Production				> Food Processing NC I > Food Processing NC II > Food Processing NC III Food Processing NC IV		
Manufacturing		Food Production - Dairy Processor	Food Production - Consumer Foods Production				> Food Processing NC I > Food Processing NC II > Food Processing NC III > Food Processing NC IV		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Manufacturing		Food Production - Cake Decorator	Food Production - Consumer Foods Production				Bread and Pastry Production NC II		
Manufacturing		Food Production - Livestock Feeds Production					> Food Processing NC I > Food Processing NC II > Food Processing NC III > Food Processing NC IV		
Manufacturing		Electronics Manufacturing - Automotive Electronics	Electronics Manufacturing - Automotive Electrician				Automotive Electrical Assembly NC II and III		
Manufacturing		Electronics Manufacturing - Semiconductor Production	Electronics Manufacturing - Semiconductor Production	Electronics Manufacturing - Semiconductor Production			Electronics/Semiconductor Production Line Machine Servicing NC III Semiconductor Back-End Operation NC II Semiconductor Front-of-Line Operation NC II		

| Manufacturing | | Automotive Manufacturing - Automotive Parts Production | Automotive Manufacturing - Automotive Parts Production / Assembly of Motor Vehicles | | | | > Automotive Body Painting/Finishing NC II
> Automotive Body Painting/Finishing NC I
> Automotive Body Painting/Finishing NC III
> Auto Engine Rebuilding NC II
> Automotive Body Repairing NC II
> Automotive Electrical Assembly NC II
> Automotive Electrical Assembly NC III
> Automotive Mechanical Assembly NC II
> Automotive Mechanical Assembly NC III
> Automotive Servicing NC I
> Automotive Servicing NC II
> Automotive Servicing NC III
> Automotive Servicing NC IV
> Automotive Wiring Harness Assembly NC II
> Forging NC II
> Forging NC III
> Foundry Pattern Making NC II
> Foundry Pattern Making NC III
> Foundry Molding NC II
> Foundry Molding | | |

							NC III > Heat Treatment NC II > Laboratory and Metrology/Calibration Services NC II > Laboratory and Metrology/Calibration Services NC III > Moldmaking NC II > Metal Stamping NC II		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Manufacturing		Automotive Manufacturing - Automotive Parts Production	Automotive Manufacturing - Automotive Parts Production / Assembly of Motor Vehicles				> Painting Machine Operation NC II > Plastic Machine Operation NC II > Plastic Machine Operation NC III > Process Inspection NC II > Process Inspection NC III		
Manufacturing		Chemical Production - Plastics					Chemical Process Operations NC III		
Manufacturing		Iron and Steel Production	Iron and Steel Production						
Manufacturing		Garments Production	Garments Production - Tailoring			Tailor	Tailoring NC II		
Manufacturing		Garments Production	Garments Production - Dressmaking			Dressmaker	Dressmaking NC II		
Manufacturing						Garments Sewer	Dressmaking NC II Tailoring NC II		
Manufacturing		Paper Products Manufacturing		Paper Products Manufacturing - Mechatronics			Mechatronics Servicing NC II to IV		
Manufacturing		Aerospace Manufacturing	Aerospace Manufacturing - Aerospace Parts Production						
Manufacturing			Aerospace Manufacturing - Aircraft						

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			Maintenance and Repair						
Manufacturing			Aircraft Maintenance and Repair - Aircraft Overhaul						
Manufacturing			Copper Production - Copper Wire Manufacturing						
Manufacturing			Copper Production - Copper Rod Manufacturing						
Manufacturing				Metal Fabrication - Forklift Operations			Heavy Equipment Operation NC II (Forklift))		
Manufacturing				Metal Fabrication - Mechatronics			Mechatronics Servicing NC II to IV		
Manufacturing				Electronics Manufacturing - Mechatronics			> Mechatronics Servicing NC II > Mechatronics Servicing NC III > Mechatronics Servicing NC IV		
Manufacturing				Electronics Manufacturing - Integrated Circuit Design and Production					
Manufacturing				Chemical Production - Forklift Operation			Heavy Equipment Operation NC II (Forklift)		

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Manufacturing				Chemical Production - Mechatronics			Mechatronics Servicing NC II to IV		
Manufacturing						Automotive Mechanic	>Automotive Servicing NC I >Automotive Servicing NC II >Automotive Servicing NC III >Automotive Servicing NC IV		
Manufacturing						Automotive Painter	Automotive Body Painting/Finishing NC I Automotive Body Painting/Finishing NC II Automotive Body Painting/Finishing NC III		
Manufacturing						Automotive Servicing for Hybrid Vehicles (Hybrid Specialist)			
Manufacturing						Computer-Aided Design and Manufacturing (CAD/CAM) Operator			
Manufacturing						Carpenter			
Manufacturing						Computer Numerical Control (CNC) Operator			

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Manufacturing						Deburring Technician (for deburring operations)			
Manufacturing						Driver	Driving NC II Driving (Passenger Bus/Straight Truck) NC III Driving (Articulated Vehicle) NC III		
Manufacturing						Electrician	> Electrical Installation and Maintenance NC II > Electrical Installation and Maintenance NC III > Electrical Installation and Maintenance NC IV		
Manufacturing						Electronics Equipment Assembler	Electronics Products Assembly and Servicing NC II Electronics Back-End Operation NC II Electronics Front-of-Line Operation NC II Semiconductor Back-End Operation NC II Semiconductor Front-of-Line Operation NC II		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Manufacturing						Food Processor	Food Processing NC I Food Processing NC II Food Processing NC III		
Manufacturing						Instrumentation and Calibration Technician	Instrumentation and Control Servicing NC II Instrumentation and Control Servicing NC III Instrumentation and Control Servicing NC IV		
Manufacturing						Machine Mechanic	Electronics/Semiconductor Production Line Machine Servicing NC III		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Manufacturing						Machine Operators & Assembler	Electronics Products Assembly and Servicing NC II Plastic Machine Operation NC II Plastic Machine Operation NC III Press Machine Operation NC I CNC Lathe Machine Operation NC II CNC Lathe Machine Operation NC III CNC Milling Machine Operation NC II CNC Milling Machine Operation NC III Electric Discharge Machine (EDM) Sinking Operation NC II CNC Electric Discharge Machine (EDM) Wire Cut Operation NC III 5-Axis CNC Machine Operation NC III		
Manufacturing						Metal Casters	Foundry Melting/Casting NC II Foundry Melting/Casting NC III		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Manufacturing						Molders (for metal products)	Foundry Molding NC II Foundry Molding NC III		
Manufacturing						CNC Machinist Molders (for plastics)			
Manufacturing						Motorcycle Operator			
Manufacturing						Motorcycle Technician	Motorcycle/Small Engine Servicing NC II		
Manufacturing						Plant/Machine Operator and Assembler	Plastic Machine Operation NC II Plastic Machine Operation NC III		
Manufacturing						Smart Press Machine Operator	Press Machine Operation NC I		
Manufacturing						Repairman	Instrumentation and Control Servicing NC II		
Manufacturing						Technician	Instrumentation and Control Servicing NC III		
Manufacturing						Service Technician	Instrumentation and Control Servicing NC III Instrumentation and Control Servicing NC IV Mechatronics Servicing NC II Mechatronics Servicing NC III Mechatronics Servicing NC IV Electronics Products Assembly and Servicing NC II		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Manufacturing						Supervisory Control and Data Acquisition (SCADA) Operator			
Manufacturing						Upholsterer			
Manufacturing						Weaver			
Metals and Engineering					Sword Blacksmith				
Metals and Engineering					Copper Smelting and Refining				
Mining and Quarrying						Miner, Machine/ Heavy Equipment Operator	Heavy Equipment Operation NC II Heavy Equipment Servicing NC II		
Tourism								Digital Marketing Eco-tourism Foreign Language Skills General and Operations Managers Data Analysts and Scientists User Experience and Human-Machine Interaction Designers	IT skills Management skills Business skills People Management Personal skills Tourism skills Communication and language
Tourism		Specialized Sales Representatives	IT skills	Digital marketing (ICT-driven)			Tourism Promotion Services NC II		
Tourism		Senior Managers/ Supervisors	Operations Manager	Management and entrepreneurship					
Tourism		Pilots							
Tourism		Aircraft Mechanics							
Tourism		Flight Engineers							

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Tourism		Food and Beverages Staff	Food Bevarage Attendant/Handler				~Food and Beverage Services NC II ~Food and Beverage Services NC III ~Food and Beverage Service NC IV ~Ship's Catering Services NC I ~Bartending NC II ~Barista NC II	AI and Machine Learning Specialists Software and Applications Developers Sales and Marketing Professionals Product Managers Innovation Professionals Information Security Analysts Brand and Communications Specialist	skills Food preparation and hygiene Tourism orientation Sustainable tourism training on coastal ecology and habitat protection Customer Service Foreign Language Skills Team Work Workplace health and safety Computer literacy
Tourism		Waiter					~Food and Beverage Services NC II ~Food and Beverage Services NC III ~Food and Beverage Service NC IV ~Ship's Catering Services NC I		
Tourism		Service Crew							
Tourism		Communication Personnel							
Tourism		Tourist Guide		Tour guiding (in-depth knowledge of local tourist spot)			~Local Guiding Services NC II ~Tour Packaging (FIT AD HOC DOMESTIC) Services NC II		
Tourism		Services in Eco-Tourism	Sustainable tourism training on coastal ecology and						

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			habitat protection						
Tourism		Cook	~Cuisine chef ~Executive Chef ~Gourmet Chef				~Commercial Cooking NC III ~Commercial Cooking NC IV ~Cookery NC II ~Ships' Catering NC III (Ships' Cooks)		
Tourism		Hotelier							
Tourism		Front Desk		Online booking and other front desk functions (ICT-driven)			Front Office Services NC II		
Tourism		Housekeeping					~Housekeeping NC II ~Housekeeping NC III ~Housekeeping NC IV		
Tourism		Barista					Barista NC II		
Tourism		Front Office Agent		Online booking and other front desk functions (ICT-driven)			Front Office Services NC II		
Tourism		Food and Beverages Manager		Management and entrepreneurship			~Food and Beverage Services NC II ~Food and Beverage Services NC III ~Food and Beverage Service		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
							NC IV ~Bartending NC II ~Barista NC II		
Tourism		Cosmetic Dentist/Surgeon					~Dental Laboratory Technology Services NC I ~Dental Laboratory Technology Services (Fixed Dentures/Restorations) NC II ~Dental Laboratory Technology Services (Removable Dentures/Appliances) NC II ~Dental Technology NC IV		
Tourism		Food Technologist	Food Safety Expert				~Food Processing NC I ~Food Processing NC II ~Food Processing NC III ~Food Processing NC II		
Tourism		Interpreters	Interpreter						

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Tourism		Tourism Instructor							
Tourism		Multi-lingual Service Crew							
Tourism		English/Korean/ Chinese Proficient Front Desk Officer		Online booking and other front desk functions (ICT-driven)			Front Office Services NC II		
Tourism		English/Korean/ Chinese Proficient Customer Service Relations Officer	~Customer service Assistant				Customer Services NC II		
Tourism		Licensed and Multi-lingual Tour Guide	~Multi-lingual tour guide						
Tourism		Multi-lingual Interpreter							
Tourism		Receptionists		Online booking and other front desk functions (ICT-driven)			Front Office Services NC II		
Tourism		Port Staff					Customer Services NC II		
Tourism				Bookkeeping (ICT-driven)			~Bookkeeping NC III		
Tourism			Ice carver						
Tourism			Cake decorator				Bread and Pastry Production NC II		
Tourism			Event coordinator				Events Management Services NC III		
Tourism			Licensed Wine Expert				Bartending NC II		
Tourism			Magician				Performing Arts (Magician)		

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Tourism			Posologist (Agri-tourism)						
Tourism			Aquaculturist				Aquaculture NC II		
Tourism			Horticulturist				Horticulture NC III		
Tourism					Department Coordinators				
Tourism					Foreign Languages				
Tourism					Managerial Position				
Tourism					Multiple Languages				
Tourism					Stress and Time Management				
Tourism					Tourism Site Planner/ Developer				
Tourism					Traffic Management				
Tourism						Service Crew/Waiter/Food and Beverage Assistant	Food and Beverage Services NC II Food and Beverage Services NC III Food and Beverage Service NC IV		
Tourism						Baker	Bread and Pastry Production NC II		
Tourism						Barista	Barista NC II		
Tourism						Housekeeper	Housekeeping NC II Housekeeping NC III		

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							Housekeeping NC IV		
Transportation, Communication and Storage and Logistics	Green Skills		Green Skills					E-Commerce and Social Media Specialists Process Automation Robotics Order Tracking/Coordinating Transport Network Vehicle Service (TNVS) Vehicle Sharing Service Supply Chain and Logistics Logistics Software Information Security Analysts Data Analysts and Scientists AI and Machine Learning Specialists Process Automation Specialist Software and Applications Developers and Analysts Innovation Professionals	Communication skills Computer skills Math skills Good moral character Professionalism Integrity core soft skills initiative dedication Customer Service work ethics determination Leadership skills Safety skills Green Skills Management and organization Skills
Transportation, Communication and Storage and Logistics		Administrative Clerk					Front Office Services NC II		
Transportation, Communication and Storage and Logistics		Human Resource Assistant							
Transportation, Communication and Storage and Logistics		Ticketing Issuing/Travel Clerk					Front Office Services NC II		
Transportation, Communication and Storage and Logistics		Ticket Teller					Front Office Services NC II		
Transportation, Communication and Storage and Logistics		Communication Specialist							
Transportation, Communication and Storage and Logistics		Customer Service Representative		Customer Associate			>Customer Services NC II >Contact Center Services NC II		
Transportation, Communication and Storage and Logistics		Delivery Associate							
Transportation, Communication and Storage and Logistics		Engineering Manager							

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Transportation, Communication and Storage and Logistics		Electrical Engineer						Sales and Marketing Professionals Service and Solutions Designers Product Managers Industrial and Production Engineers Supply Chain and Logistics Specialists	
Transportation, Communication and Storage and Logistics		Parts Pricing							
Transportation, Communication and Storage and Logistics		Automotive Painter					Automotive Body Painting/Finishing NC I Automotive Body Painting/Finishing NC II Automotive Body Painting/Finishing NC III		
Transportation, Communication and Storage and Logistics		Master Mechanic					>Auto Engine Rebuilding NC II >Automotive Servicing NC I >Automotive Servicing NC II >Automotive Servicing NC III >Automotive Servicing NC IV >Motorcycle/Small Engine Servicing NC II		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Transportation, Communication and Storage and Logistics		Welder					> Shielded Metal Arc Welding (SMAW) NC I > Shielded Metal Arc Welding (SMAW) NC II > Shielded Metal Arc Welding (SMAW) NC III > Shielded Metal Arc Welding (SMAW) NC IV > Gas Metal Arc Welding (GMAW) NC I > Gas Metal Arc Welding (GMAW) NC II > Gas Metal Arc Welding (GMAW) NC III > Submerged Arc Welding (SAW) NC I > Submerged Arc Welding (SAW) NC II > Flux Cored Arc Welding (FCAW) NC I > Flux Cored Arc Welding (FCAW) NC II > Flux Cored Arc Welding (FCAW) NC III > Gas Welding NC I > Gas Welding NC		

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							II > Gas Tungsten Arc Welding (GTAW) NC II > Gas Tungsten Arc Welding (GTAW) NC IV		
Transportation, Communication and Storage and Logistics		Electrician					> Electrical Installation and Maintenance NC II > Electrical Installation and Maintenance NC III > Electrical Installation and Maintenance NC IV		

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Transportation, Communication and Storage and Logistics		Heavy Equipment Operator					Heavy Equipment Operation NC II (Forklift)		
Transportation, Communication and Storage and Logistics		Human Resource Manager							
Transportation, Communication and Storage and Logistics		Mechanic					>Auto Engine Rebuilding NC II >Automotive Servicing NC I >Automotive Servicing NC II >Automotive Servicing NC III >Automotive Servicing NC IV >Motorcycle/Small Engine Servicing NC II		
Transportation, Communication and Storage and Logistics		Mechanical Engineer							
Transportation, Communication and Storage and Logistics		Safety Manager							
Transportation, Communication and Storage and Logistics		Shipping Operations Officer					Ship's Catering Services NC I, III Ship's Cook)		
Transportation, Communication and Storage and Logistics		Order Tracker/Coordinator							
Transportation, Communication and Storage and Logistics		Transport Network Vehicle Service (TNVS) Driver		Taxi Driver			Driving NC II		

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Transportation, Communication and Storage and Logistics			Freight forwarders						
Transportation, Communication and Storage and Logistics			Terminal and Warehouse Personnel	Warehouse Personnel		Warehouse Operator/Personnel	Warehousing Services NC II		
Transportation, Communication and Storage and Logistics			Shipping Line Personnel						
Transportation, Communication and Storage and Logistics			Airline Staff						
Transportation, Communication and Storage and Logistics			Ground Handler						
Transportation, Communication and Storage and Logistics				Bus Driver			Driving (Passenger Bus/Straight Truck) NC III		
Transportation, Communication and Storage and Logistics				Motorcycle Driver					
Transportation, Communication and Storage and Logistics				Truck Driver			Driving (Articulated Vehicle) NC III		
Transportation, Communication and Storage and Logistics				Conductor					
Transportation, Communication and Storage and Logistics				Helper					

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Transportation, Communication and Storage and Logistics				Dispatcher					
Transportation, Communication and Storage and Logistics				Machine Operator			>Press Machine Operation NC I >CNC Milling Machine Operation NC II >CNC Milling Machine Operation NC III >CNC Lathe Machine Operation NC II >CNC Lathe Machine Operation NC III >Plastic Machine Operation NC II >Plastic Machine Operation NC III		
Transportation, Communication and Storage and Logistics				Forklift Operator			Forklift NC II		
Transportation, Communication and Storage and Logistics						Route Planner			
Transportation, Communication and Storage and Logistics						Dispatch Supervisor			
Transportation, Communication and Storage and Logistics						Transport Director			

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Transportation, Communication and Storage and Logistics						Delivery Supervisor			
Transportation, Communication and Storage and Logistics						Courier			
Transportation, Communication and Storage and Logistics						Forklift Driver	HEO (Forklift) NC II		
Transportation, Communication and Storage and Logistics						Export Brokerage Clerk			
Transportation, Communication and Storage and Logistics						Scheduler			
Transportation, Communication and Storage and Logistics						Shipper and Receiver			
Transportation, Communication and Storage and Logistics						Inventory Clerk			
Transportation, Communication and Storage and Logistics						Jobs Coordinator			
Transportation, Communication and Storage and Logistics						Logistics Support Clerk			
Transportation, Communication and Storage and Logistics						Call Center Operator			

Sector	PDP 2017-2022	JobsFit 2022	Industry Roadmap/ Inclusive Innovation Industrial Strategy (i3S)	NTESDP 2018 - 2022 Action Programming	Area-Based Requirements	Researches/Studies[1]	TESDA Training Regulation	Emerging Skills	Soft Skills
Transportation, Communication and Storage and Logistics						Operations Manager			
Transportation, Communication and Storage and Logistics						Research Clerk			
Transportation, Communication and Storage and Logistics						Planning Director			
Transportation, Communication and Storage and Logistics						Marketing Analyst			
Transportation, Communication and Storage and Logistics						Business Development Manager			
Creative Industry						Tailor	Tailoring NC II		
Creative Industry						Dressmaker	Dressmaking NC II		
Creative Industry						Garments Sewer	Dressmaking NC II Tailoring NC II		
Creative Industry						Animator	2D Animation NC III 3D Animation NC III Animation NC II		

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Creative Industry						Software Developer	Web Development NC III Game Programming NC III Programming (.Net Technology) NC III Programming (Java) NC III Programming (Oracle Database) NC III		
Creative Industry						Web Developer	Web Development NC III		
Creative Industry						Graphic Artists	2D Animation NC III 3D Animation NC III Animation NC II Visual Graphic Design NC III		
Creative Industry						Programmer	Game Programming NC III Programming (.Net Technology) NC III Programming (Java) NC III Programming (Oracle Database) NC III		
Creative Industry						Game Developer	Game Programming NC III 2D Animation NC III 3D Animation NC III Animation NC II		

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Creative Industry						IT Developer	Web Development NC III Game Programming NC III Programming (.Net Technology) NC III Programming (Java) NC III Programming (Oracle Database) NC III		
Creative Industry						Back-up Singer Solo Singer Band Vocalist/Lead Singer	Performing Arts (Song) NC II		
Creative Industry						Professional Photographer	Photography NC II		
Creative Industry						Comics Artist Book/Magazine Illustrator Cartoonist	Illustration NC II		
Wholesale and Retail Trade						Financial Assistant	Bookkeeping NC III		
Wholesale and Retail Trade						Sales Representative	Customer Services NC II		
Wholesale and Retail Trade						Sales Clerk	Customer Services NC II		
[1]Sources: Workplace Skills and Satisfaction Survey Reports, TESDA Labor Market Intelligence Reports 2018-2020									