



**THE KITALE NATIONAL POLYTECHNIC**

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**Date: 20/01/2026**

**Our Ref: KNP/XM/GF/CORR/VOL.2**

**RE: INVITATION FOR ASSESSMENT TOOL DEVELOPMENT & VALIDATION FOR MARCH/APRIL 2026 KNP ASSESSMENT SERIES**

The Kitale National Polytechnic, established as a Qualification Awarding Institution under Legal Order No. 95 of 2016 is mandated to train assess and certify various trades and disciplines. We are pleased to invite eligible and interested individuals to participate in the development of assessment tools in the areas listed below.

The interested individuals are requested to submit the following documents in a zipped folder labeled with their names to the email: [exams@kitalenationalpolytechnic.ac.ke](mailto:exams@kitalenationalpolytechnic.ac.ke)

- i) A cover letter indicating the units to develop;
- ii) A detailed Curriculum Vitae (CV);
- iii) Relevant academic and professional testimonials.

Kindly indicate the department and course in the subject of the email. Candidates with tool development experience shall have added advantage.

The interested individuals should meet the following requirements:

- i) Minimum academic qualification of Higher National Diploma (HND) in the relevant area.
- ii) Minimum training/industry experience of three years.

All submissions should be sent on or before **6<sup>th</sup> February 2026**. We look forward to your participation in this important exercise as we work together to uphold the quality and standards of technical and vocational education.

  
**DR. TOM MULATI**  
**CHIEF PRINCIPAL**

**KITALE NATIONAL POLYTECHNIC**  
**CHIEF PRINCIPAL**

**23 JAN 2026**

**SIGN:.....**  
**P. O. Box 2162 - 30200, KITALE**

**MARCH/APRIL 2026 UNITS FOR TOOL DEVELOPMENT**

S/ No	Department	COURSE NAME	Level	Unit Name
1.	BUILDING	1. PLUMBING	3	Workplace Essential Skills
				Domestic Water Supply Installation
				Sanitary Appliances Installation
				Domestic Drainage Systems Installation
		2. PLUMBING	4	Workplace Essential Skills
				Domestic Water Supply Installation
				Sanitary Appliances Installation
				Domestic Drainage Systems Installation
		3. PLUMBING	5	Workplace Essential Skills
				Domestic Water Supply Installation
				Sanitary Appliances Installation
				Workshop Technology
				Domestic Drainage Systems Installation
		4. QUANTITY SURVEY LEVEL	6	Digital Literacy
				Technical Drawing
				Workshop Technology
				Construction Works - Perform Building Works
		5. BUILDING TECHNOLOGY	3,4,5	Masonry Structures Construction
				Masonry Works Finishes

			Masonry Unit Production
	6. BUILDING TECHNOLOGY	6	Masonry Structures Construction
			Masonry Works Finishes
			Perform Building Temporary Works
			Masonry Unit Production
	7. LAND SURVEY	5,6	Apply Digital Literacy
			Apply Engineering Mathematics
			Operate Survey Instruments
			Apply Principles of Cartography
			Conduct Topographical Survey
	8. CIVIL ENGINEERING	6	Apply Digital Literacy
			Apply Communication Skills
			Apply Work Ethics and Practices
			Apply Construction Material Science 1
			Carry Out Site Survey
			Carry Out Civil Works 1
			Workshop Technology
	9. CARPENTRY AND JOINERY	4,5	Construct Temporary Works 1
			Fix Doors and Door Frames
			Install Cabinetry Works
	10. PLUMBING	4,5	Basic Mathematics
			Water Supply System for Domestic Buildings
			Rainwater Harvesting System for Domestic Buildings



			Domestic Drainage Systems Installation
			Sanitary Appliances
11. QUANTITY SURVEY	6		Engineering Survey 1
			Building Drawings
			Technical Drawing
			Construction Works- Perform Civil Engineering Works.
12. BUILDING TECHNOLOGY	4,5,6		Masonry Essential Skills
			Perform Building Site Preliminary Works
			Perform Building Temporary Works
			Build Masonry Works
13. LAND SURVEY	5,6		Apply Communication Skills
			Apply Engineering Mathematics I
			Conduct Engineering Survey I
			Conduct Control Survey
14. CIVIL ENGINEERING	6		Demonstrate Works Technology Skills
			Prepare for Materials Testing
			Prepare and Interpret Technical Drawings
			Apply Construction Material Science II
			Apply Mathematics Principles
			Execute Road Construction Works I



		15. ROAD CONSTRUCTION	5	Demonstrate Works Technology Skills
				Prepare for Materials Testing
				Prepare and Interpret Technical Drawings
				Apply Construction Material Science II
				Apply Mathematics Principles
				Execute Road Construction Works I
		16. PLUMBING	5	Digital Skills
				Basic Mathematics
				Technical Drawing
				Construction Material Science
				Workshop Technology Skills
				Water Supply Systems
				Water Storage Systems
				Fire Control Systems
		17. QUANTITY SURVEY	6	Building Temporary Works
				Civil Engineering Drawing
				Engineering Mathematics
				Engineering Survey II
		18. BUILDING TECHNOLOGY	5,6	Apply Communication Skills
				Apply Basic Mathematics I
				Apply Technical Drawing
				Building Substructure Works
				Produce Masonry Units
		19. LAND SURVEY	5,6	Apply Entrepreneurial Skills

			Apply Work Ethics and Practices
			Apply Engineering Mathematics
			Apply Principles of Land Law 1
			Conduct Cadastral Survey
		20. CIVIL ENGINEERING	6
			Civil Engineering Survey I
			Algebra and Geometry
			Execute Road Construction Works I1
			Prepare for Materials Testing II
			Structural Analysis Principles 1
		21. BUILDING TECHNOLOGY	6
			Engineering Mathematics
			Building Superstructure Works
			Building Finishes
			Carry Out Building Finishes
		22. CIVIL ENGINEERING	6
			Road Construction Works I
			Civil Engineering Structures Design
			Measurements, Estimation and Costing Principles III
			Calculus and Differential Methods
			Water Supply Infrastructure Design
		23. BUILDING TECHNOLOGY	5
			Masonry Structures Construction
			Masonry Works Finishes
			Masonry Unit Production
			Perform Building Temporary Works

			Build Masonry Walls
	24. BUILDING TECHNOLOGY	6	Engineering Mathematics I
			Produce Masonry Units
			Building Site Preliminary Works
			Perform Building Temporary Works
	25. BUILDING TECHNOLOGY	6	ENGINEERING MATHEMATICS I And II
			Workshop Technology Practices
			Produce Masonry Units
			Building Site Preliminary Works
			Perform Building Temporary Works
			Building Drawings
			Building Substructure Works
	26. CIVIL ENGINEER	6	Structural Analysis Principles I
			Workshop Technology Practices
			Measurements, Estimation and Costing Principles I
			Civil Engineering Drawings I
			Civil Engineering Drawings II
			Conduct Materials Testing I
			Prepare Materials Testing
			Civil Engineering Survey I
			Civil Engineering Survey II
	27. CIVIL ENGINEERING	6	Structural Analysis Principles I



			Workshop Technology Practices
			Measurements, Estimation and Costing Principles I
			Civil Engineering Drawings I
			Civil Engineering Drawings II
			Conduct Materials Testing I
			Prepare Materials Testing
			Civil Engineering Survey I
			Civil Engineering Survey II
	28. LAND SURVEY	6	Operate Survey Instruments
			Apply Principles of Cartography
			Conduct Topographical Survey
			Conduct Control Survey
			Apply Engineering Mathematics I, II And III
			Apply Principles of Land Law I
			Conduct Cadastral Survey
	29. LAND SURVEY	6	Apply Engineering Mathematics
			Operate Survey Instruments
			Apply Principles of Photogrammetry and Remote Sensing
			Apply Land Laws
			Conduct Engineering Survey
			Conduct Cadastral Survey
			Conduct Hydrographic Survey
			Conduct Mining Survey
			Apply Principles of Gis

	30. LAND SURVEY	6	Apply Engineering Mathematics
			Operate Survey Instruments
			Apply Principles of Photogrammetry And Remote Sensing
			Conduct Engineering Survey
	31. LAND SURVEY	5	Operate Survey Instruments
			Apply Principles of Cartography
			Conduct Topographical Survey
			Conduct Control Survey
			Apply Engineering Mathematics I, II And III
			Apply Principles of Land Law 1
			Conduct Cadastral Survey
	32. LAND SURVEY	5	Operate Survey Instruments
			Apply Principles of Cartography
			Conduct Topographical Survey
			Conduct Control Survey
			Apply Engineering Mathematics I, II And III
			Apply Principles of Land Law 1
			Conduct Cadastral Survey
	33. QUANTITY SURVEY	6	Building Construction Works I
			Building Construction Works II
			Measurement Of Building Works I

				Materials Science Principles
				Engineering Survey II
				Workshop Processes And Practices
		34. PLUMBING	5	Construction Material Science
				Workshop Technology Skills
				Fire Control Systems
				Water Supply Systems
				Water Storage Systems
		35. PLUMBING	5	Construction Material Science
				Workshop Technology Skills
				Fire Control Systems
				Water Supply Systems
				Water Storage Systems
2.	<b>BUSINESS STUDIES</b>	1. DIPLOMA IN ACCOUNTANCY	6	Undertake Business Communication
				Apply Work Ethics and Practices
				Apply Principles of Commercial Law
				Apply Management Skills
				Carry Out Business Mathematics and Statistics
				Demonstrate Information Communication Technology (ICT)
				Apply Entrepreneurship Skills



			Carry Out Financial Accounting
			Demonstrate Fundamentals of Accounting
			Apply Economics Skills
	2. DIPLOMA IN BANKING AND FINANCE	6	Conduct Financial Management
			Carry Out Business Mathematics and Statistics
			Apply Management Skills
			Perform Credit Administration
			Manage Bank Compliance
			Offer Customer Service
			Apply Entrepreneurship Skills
			Apply Digital Literacy
			Manage Customer Relationship
			Manage Electronic Banking
			Offer Customer Service
	3. DIPLOMA IN COOPERATIVE MANAGEMENT	6	Undertake Business Communication
			Apply Principles of Commercial Law
			Manage Cooperative Security Measures
			Apply Management Skills
			Carry Out Business Mathematics and Statistics
			Apply Digital Literacy
			Apply Entrepreneurial Skills
			Apply Cooperative Law

		4. DIPLOMA IN BUSINESS MANAGEMENT & CERTIFICATE IN BUSINESS MANAGEMENT	5&6	Apply Principles of Commercial Law
				Apply Management Skills
				Perform Staffing Activities.
				Perform Administrative Assistant Duties.
				Carry Out Business Mathematics and Statistics
				Apply Business Communication
				Apply Digital Literacy
				Apply Entrepreneurial Skills
				Apply Economics Skills
				Perform Purchasing Activities
				Perform Sales Activities
		5. DIPLOMA IN HUMAN RESOURCE MANAGEMENT & CERTIFICATE IN HUMAN RESOURCE MANAGEMENT	5&6	Undertake Business Communication
				Co-Ordinate Employee Training and Development
				Conduct Employee Resourcing
				Manage Human Resource Records
				Co-Ordinate Employee Performance
				Apply Principles of Commercial Law
				Apply Management Skills
				Carry Out Business Mathematics and Statistics
				Manage Employee Relations
				Undertake Employee Separation

			Apply Digital Literacy
			Apply Entrepreneurial Skills
			Apply Work Ethics and Practices
		6. DIPLOMA IN MARKETING MANAGEMENT & CERTIFICATE IN MARKETING MANAGEMENT	5&6
			Apply Digital Literacy
			Apply Entrepreneurial Skills
			Apply Economics Skills
			Customer Experience
			Conduct Marketing Communication Activities
		7. DIPLOMA IN SUPPLY CHAIN MANAGEMENT, CERTIFICATE IN SUPPLY CHAIN MANAGEMENT & ARTISAN IN STOREKEEPING	4, 5&6
			Receive Delivered Goods
			Classify and Codify Procured Goods
			Manage Storage of Goods
			Preserve Stored Goods
			Issue and Dispatch Goods
			Manage Stores Safety and Security
			Undertake Business Communication
			Apply Work Ethics and Practices
			Apply Financial Accounting Skills
			Handling Organization Materials
		8. DIPLOMA IN OFFICE ADMINISTRATION, CERTIFICATE IN OFFICE ADMINISTRATION & ARTISAN IN OFFICE ASSISTANT	4, 5&6
			Maintain Office Paper Records
			Coordinate Office Repairs and Maintenance
			Introduction to Shorthand Skills II



				Introduction to Process Office Documents II
				Undertake Business Communication
				Manage Telephone Calls
				Apply Work Ethics and Practices
				Intermediate Shorthand Skills I
				Intermediate Office Documents Processing II
				Apply Ict Skills
				Handle Office Correspondence
				Handle Office Errands
				Handle Customer Care Duties
				Introduction to Shorthand Skills I
				Introduction to Process Office Documents I
3.	FASHION DESIGN AND COSMETOLOGY	1. FASHION DESIGN	3, 4, 5 & 6	Perform Sewing Machine Operations
				Construct Basic Ladies' Garments
				Construct Basic Gents' Garments
		2. FASHION DESIGN	5 & 6	Produce Styled Garments
				Produce Decorated Fabrics (Tie & Die and Printing)
		3. FASHION DESIGN	5 & 6	Apply Digital Literacy
				Apply Communication Skills
				Apply Fashion Design and Sketching

				Apply Textile Material Principles
				Produce Fabric Decoration (Batik and Embroidery)
				Produce Ladies Wear
		4. COSMETOLOGY	3, 4, 5 & 6	Provide Barbering Service
				Provide Plaiting and Braiding Service
				Provide Manicure and Pedicure Service
		5. COSMETOLOGY	4, 5, 6	Provide Make Up Service
				Provide Hair Addition Service
				Provide Hair Styling Service
		6. COSMETOLOGY	5, 6	Conduct Nail Care Service
				Conduct Dreadlocking Service
				Conduct Hair Removal Service
				Apply Communication Skills
				Demonstrate Digital Literacy
				Manicure and Pedicure
				Make Up
				Hair Styling
				Hair Addition
				Plaiting and Braiding
				Dreadlocking
				Nail Care
				Hair Removal
				Barbering

4.	ELECTRICAL AND ELECTRONICS	1. TELECOMMUNICATION TECHNOLOGY	6	Electrical Installation
				Digital Literacy
				Engineering Drawing
				Engineering Technician Mathematics
				Specialized Power Systems Installation
				Apply Work Ethics and Practices
				Computer Network Installation
				Electrical Principles
		2. INSTRUMENTATION AND CONTROL TECHNOLOGY	6	Electrical Installation
				Instrumentation & Control System Components Installation
				Instrumentation & Control System Operations
				Instrumentation & Control System Maintenance
				Digital Literacy
				Engineering Drawing
				Electrical Principles
				Electronic Circuit Fabrication
				Hydraulic & Pneumatic System Installation
		3. ELECTRICAL ENGINEERING TECHNOLOGY	6	PVC Sheathed Cable System Installation
				Trunking System Installation
				Conduit System Installation
				Stand Alone Solar PV System
				Bell & Alarm Installation



				Electrical Machine Winding
				Digital Skills
				Communication Skills
				Basic Electrical Principles
				Technical Drawing
				Electrical Installation
		4. ELECTRICAL ENGINEERING TECHNOLOGY	5	PVC Sheathed Cable System Installation
				Trunking System Installation
				Conduit System Installation
				Stand Alone Solar PV System
				Bell & Alarm Installation
				Electrical Machine Winding
				Digital Skills
				Communication Skills
				Basic Electrical Principles
				Technical Drawing
				Electrical Installation
		5. ELECTRICAL INSTALLATION TECHNOLOGY	4	PVC Sheathed Cable System Installation
				Trunking System Installation
				Conduit System Installation
				Stand Alone Solar PV System
				Bell & Alarm Installation
				Electrical Machine Winding
		6. ELECTRICAL INSTALLATION	5	Engineering Mathematics
				Electrical Principles

				Technical Drawing
				Electrical Installation
				Transmission Power Lines Installation
				Security Installation
				Electrical Installation Maintenance
				Workshop Technology
5.	<b>HEALTH SCIENCES</b>	1. BIOMEDICAL ENGINEERING	5 & 6	Work Ethics and Practice
				Workshop Technology
				Refrigeration & Air Conditioning
				Engineering Technician Mathematics I
				Human Anatomy and Physiology
				Mechanical Science
				Digital Literacy
				Communication Skills
				Engineering Technician Mathematics II
				Electrical Principles I
				Dental Equipment
				Hospital Plant Building Service I
				Electrical Principles II
				Hospital Plant Building Service II
				Analogue Electronics I
				Technical Drawing I

				Maternity Equipment
				Analogue Electronics II
				Technical Drawing II
				Diagnostic Lab Equipment
				Operate Theatre Equipment
				Entrepreneurial Skills
		2. COMMUNITY HEALTH	5 & 6	Community Health Information Systems
				Maternal Newborn Child Health Care
				Nutrition in Community Health
				Digital Literacy
				Communication Skills
				Digital Literacy
				Health Education Promotion
				Microbiology and Parasitology
				Community Health Strategies
				Community Health Linkages
				Community Based Health Care
				Human Anatomy and Physiology
				Work Ethics and Practice
		3. NUTRITION AND DIETETICS	5 & 6	Digital Literacy
				Nutrition Care Process

				Principles of Human Nutrition
				Management of Malnutrition
				Maternal Infant & Young Child
				Nutrition
				Human Anatomy and Physiology
				Dietetics Operations
				Communication Skills
				Nutrition Legal Ethics
				Nutrition in Communicable and Non-Communicable Diseases
				Management of Specialized Meals
				Communication Skills
				Nutrition Legal Ethics
				Nutrition in Communicable and Non-Communicable Diseases
				Management of Specialized Meals
		<b>4. HEALTH RECORDS AND IT.</b>	<b>5 &amp; 6</b>	Computer Applications
				Medical Terminologies
				First Aid
				Communication Skills
				Health Records Management I
				Health Statistics I
				Clinical Coding and Data Classification
				Health Statistics II
				Human Pathology II



				Medical Terminologies II
				Health Records Management II
				Clinical Coding and Health Data Classification II
				Health Information Systems II.
				Human Anatomy I
				Computer Applications I
				Epidemiology II
				Medical Demography II
				Health Records Management IV
				Clinical Coding and Health Data Classification III
				Health Information Systems III.
				Health Systems Management I.
				Disaster Management
				Quality Assurance
				Health Systems Management II.
				Health Records Management IV
				Monitoring And Evaluation I
				Community Health
				Research Methodology
				Clinical Coding and Data Classification
6.	<b>LIBERAL</b>	1. LIBRARY AND INFORMATION SCIENCE	5	Information Collection Development
				Information Material Processing
				Records Organization

			Entrepreneurial Skills
			Information Material Restoration
			Library Circulation Services
			Library Cataloguing
			Knowledge Management
			System Analysis and Design
			Digital Literacy
		2. CHILD PROTECTION	5
			Communication Skills in Child Protection
			Child Protection Interventions
			Psycho-Social Support
			Digital Literacy in Child Protection
			Child Welfare Programs
			Child Rights Advocacy
			Work Ethics in Child Protection
			Entrepreneurial Skills in Child Protection
			Child Case Management
		3. PROJECT MANAGEMENT	5
			Business Communication
			Work Ethics and Practices
			Basic Financial Accounting Skills
			Project Inception
			Digital Literacy
			Entrepreneurial Skills
			Project Stakeholders

				Procurement of Goods, Work and Services
				Principles of Commercial Law
				Management Skills
				Business Mathematics and Statistics
				Project Environmental Management
		4. COUNSELING PSYCHOLOGY	5	Provision of Basic Counselling Services
				Communication Skills in Counselling
				Digital Literacy in Counselling
				Psychological First Aid (Pfa) Services
				Entrepreneurship in Counselling
				Community Counselling
				Administrative Duties In Provision Of Counselling Services
				Work Ethics and Practices
		5. SOCIAL WORK	3	Home Based Care
				Community Based Groups
				Community Awareness
				Social Research Essentials
				Child Welfare Support
				Project Resources
				Communication Skills in Social Work
				Digital Literacy

				Psychosocial Support
				Case Management
		6. HEALTH CARE SUPPORT ASSISTANT	3	House Keeping Services
				Dietary Interventions
				Psychosocial Support
				Pre-Departure Training
		7. RECORDS AND ARCHIVES MANAGEMENT	5	Manage Information Creation and Collection
				Manage Archives and Records Unit
				Preserve Organization Archives and Records
				Manage Organization Records and Archives
				Manage Digital Records and Archives
				Perform Archiving Management
				Communication in Record and Archive Management
				Conduct Records Disposal
				Secure Records and Archival Materials
				Appraise and Legalize Records and Archive Management
7.	APPLIED SCIENCE	1. SCIENCE LABORATORY TECHNOLOGY	5	Basic Mathematics for Science
				Biology Techniques,
				Physics Techniques,
				Chemistry Techniques,



			Science Laboratory Practice
		2. SCIENCE LABORATORY TECHNOLOGY	6
			Basic Mathematics for Science, (Written)
			Biology Techniques,
			Physics Techniques,
			Chemistry Techniques,
			Science Laboratory Practice
		3. SCIENCE LABORATORY TECHNOLOGY	5
			Digital Literacy, (Written)
			Communication Skills, (Written)
			Biology Techniques,
			Chemistry Techniques,
			Physics Techniques,
		4. SCIENCE LABORATORY TECHNOLOGY	6
			Digital Literacy
			Communication Skills
			Biology Techniques
			Chemistry Techniques
			Physics Techniques,
		5. SCIENCE LABORATORY TECHNOLOGY	5
			Work Ethics and Practices
			Entrepreneurial Skills
			Science Laboratory Research
			Biology Techniques
			Chemistry Technique
			Physics Techniques
		6. SCIENCE LABORATORY TECHNOLOGY	6
			Work Ethics and Practices
			Entrepreneurial Skills
			Science Laboratory Research

				Biology Techniques
				Chemistry Technique
				Physics Techniques
		7. APPLIED BIOLOGY	6	Communication Skills
				Laboratory Practice Principles
				Mathematics for Science I
				Cytological and Histological Techniques
		8. APPLIED BIOLOGY	6	Anatomy and Physiology Concepts
				Plant Husbandry
				Mathematics for Science II
				Laboratory Animal Husbandry
		9. APPLIED BIOLOGY	6	Taxonomical Concepts
				Ecological Techniques
				Museum, Herbarium, Aquarium and Vivarium Techniques
		10. ANALYTICAL CHEMISTRY	6	Chemical Samples Preparation
				Chemical Separation
		11. ANALYTICAL CHEMISTRY	6	Physics Principles I
				Mathematics for Science I
				Classical Analysis Techniques
				Biochemical Analysis I
		12. ANALYTICAL CHEMISTRY	6	Physics Principles II
				Mathematics for Science II
				Biochemical Analysis II
				Instrumental Analysis I

	13. BIOTECHNOLOGY	6	Communication Skills
			Biometrics I
			Cell Biology and Histology
			Manage Industrial Waste
	14. BIOTECHNOLOGY	6	Digital Literacy
			Laboratory Practices Principles
			Media Preparation and Maintenance
			Animal Anatomy and Physiology Principles
			Work Ethics and Practices
			Plant Production
			Research Project
			Molecular Biology
	15. FOOD TECHNOLOGY	6	Communication Skills
			Food Processing Raw Materials Preparation
			Food Plant Hygiene
			Dairy Products Processing
			Work Ethics & Practices
			Food Processing and Preservation Principles I
			Fruits and Vegetables Processing
			Baked Products Processing
			Digital Literacy
			Food Laboratory Practice
			Confectioneries Processing
			Meat Products Processing

16. FOOD TECHNOLOGY	5	Communication Skills
		Food Processing Raw Materials Preparation
		Food Plant Hygiene
		Dairy Products Processing
		Work Ethics & Practices
		Food Processing and Preservation Principles I
		Fruits and Vegetables Processing
		Baked Products Processing
		Digital Literacy
		Food Laboratory Practice
		Confectioneries Processing
		Meat Products Processing
17. FOOD TECHNOLOGY	4	Food Processing Raw Materials Preparation
		Food Plant Hygiene and Sanitation
		Processing of Food Products
		Preservation of Food Materials
		Maintenance of Food
		Materials Quality
18. CHEMICAL ENGINEERING	6	Digital Literacy
		Mechanical Science
		Operate Process Equipment
		Communications Skills
		Engineering Mathematics I
		Perform Process Quality Control



		19. GEOCHEMISTRY TECHNICIAN	6	Communication Skills
				Geoscientific Laboratory Practice
				Basic Geology Principles
				Laboratory and Field Equipment, Tools And Apparatus
				Geochemical Analysis
8.	MECHANICAL	1. MECHANICAL PLANT TECHNOLOGY	6	Communication Skills
				Workshop Technology
				Mechanical Pumps and Compressors Installation
				Mechanical Pumps and Compressors Maintenance
		2. AUTOMOTIVE ENGINEERING TECHNOLOGY	3,4,5 & 6	Vehicle Petrol Engine Maintenance
				Vehicle Braking System
		3. MECHANICAL PRODUCTION TECHNOLOGY	4,5 & 6	General Fitting Operations
				Welding Operations
		4. MECHANICAL PLANT TECHNOLOGY	6	Work Ethics and Practices
				Technical Drawing
				Electrical and Electronics Principles
				Hydraulic and Pneumatic Systems Installation
				Hydraulic and Pneumatic Systems Maintenance
			4,5 & 6	Vehicle Diesel Engine Maintenance

		5. AUTOMOTIVE ENGINEERING TECHNOLOGY		Vehicle Suspension and Steering System Maintenance
		6. MECHANICAL PRODUCTION TECHNOLOGY	5 & 6	Conventional Lathe Machine Operations
				Conventional Milling Machine Operations
		7. AGRICULTURAL ENGINEERING	5 & 6	Farm Tractor Operation I
				Farm Machinery and Equipment Operation I
		8. WELDING TECHNOLOGY	3,4 & 5	Fabrication Processes I
				Arc Welding Processes I
				Gas Welding, Soldering and Brazing Processes
		9. AGRICULTURAL ENGINEERING	5 & 6	Workshop Technology Practices
				Farm Tractor Operation II
				Farm Machinery and Equipment Operation II
		10. WELDING TECHNOLOGY	4 & 5	Metal Inert Gas Welding
				Tungsten Inert Gas Welding
		11. MECHANICAL PLANT TECHNOLOGY	6	Entrepreneurial Skills
				Mathematics
				Material Handling Systems Maintenance
				Material Handling Systems Installation
		12. AUTOMOTIVE ENGINEERING TECHNOLOGY	5 & 6	Communication Skills
				Work Ethics and Practices
				Applied Mathematics
				Technical Drawing
				Vehicle Fuel System Maintenance
				Automotive Electrical Systems Maintenance
			5 & 6	Communication Skills
				Work Ethics and Practices
				Material Science and Metallurgy

		13. MECHANICAL PRODUCTION TECHNOLOGY		Mathematics
				Mechanical Science Principles
				A Fabricate Sheet Metal Parts
9.	HOSPITALITY	1. FOOD AND BEVERAGE PRODUCTION COOK	3,4,5,6	Starter and Starter Accompaniment
				Main Meal
				Deserts
		2. FOOD AND BEVERAGE PRODUCTION COOK	3,4,5,6	Specialty
				Pastries
		3. FOOD AND BEVERAGE TECHNICIAN	3,4,5,6	Food and Beverage Service Technique
				Food and Beverage Operation (Serve)
				Prepare Mock Tails and Cocktails
				Digital Literacy
				Principles of Food Science and Nutrition
		4. FOOD AND BEVERAGE TECHNICIAN	5,6	Food and Beverage Operation (Serve)
				Mock Tails and Cocktails
				Food and Beverage Service Techniques
				Banquet Operation
				Bar Keeping Operation
		5. FOOD AND BEVERAGE TECHNICIAN	5,6	Banquet Operation
				Bar Keeping Operation

		6. FOOD AND BEVERAGE TECHNICIAN	5,6	Starter and Starter Accompaniment
				Dessert
				Main Meal
				Principle of Science and Nutrition
				Digital Literacy
		7. CATERING AND ACCOMMODATIONS TECHNICIANS	5,6	Perform Laundry Operation
				Perform Front Office Operation
				Perform Housekeeping Operation
				Perform Housekeeping Interior Decoration
		8. CATERING AND ACCOMMODATION MANAGEMENT	5,6	Perform Housekeeping Operation
				Perform Housekeeping Interior Decoration
		9. CATERING AND ACCOMMODATION MANAGEMENT	5,6	Main Meal
				Desserts and Bakery Product
				Bar Keeping Operation
				Starter and Starter Accompaniment
				Principle of Science and Nutrition
				Digital Literacy
		10. TOUR GUIDE OPERATION	5	Apply Flora and Fauna
				Digital Literacy
				Apply First Aid Skills
				Apply Tourism Fundamentals
				Camping Operation



		11. TOUR AND TRAVEL OPERATOR	5	Apply Work Ethics
				Apply Communication Skills
				Beginner Foreign Language
				Tourist Arrival and Departures
				Tour Guiding Operation
		12. TOUR GUIDE OPERATION	6	Digital Literacy
				Tour and Travel Booking and Reservation
				Fundamentals of Tourism
				Communication Skills
		13. TOUR AND TRAVEL OPERATOR	6	Work Ethics
				French
				Conduct Tourism Research
				Flight Booking / Reservation
10.	<b>COMPUTING AND INFORMATICS</b>	1. ICT	4	Computer Operations
				Computer Essentials
		2. ICT TECHNICIAN	4	Computer Network Setup
				Computer Repair and Maintenance
		3. ICT TECHNICIAN	5	Computer Network Set Up
				Network Design and Management
				Computer Software
				Computer Programming Principles
				Develop Front End Web Application

				Develop Front End Web Application
				Computer Programming Principles
				Computer Operations
				Computer Network Setup
				Computer Essentials
				Computer Operations
		4. CYBER SECURITY	5	Computer Repair and Maintenance
				Computer Operations
				Communication Skills
				Work Ethics and Practice
				Database Security
				Computer Networking
				Software Application Security
				Install and Configure Linux
				Entrepreneurship Skills
				Communication Skills
				Computer Operations
				Computer Repair and Maintenance
				Software Application Security
				Computer Operations
				Computer Repair and Maintenance
				Software Application Security
		5. CYBER SECURITY	6	Computer Operations

				Computer Repair and Maintenance
				Database Security
				Software Application Security
				Install and Configure Linux
				Entrepreneurial Skills
				Communication Skills
				Work Ethics and Practices
				Database Security
				Computer Networking
				Communication Skills
				Computer Operations
				Computer Repair and Maintenance
				Communication Skills
		6. ICT TECHNICIAN	6	System Analysis and Design
				Discrete Mathematics
				Front End Web Applications
				Computer Programing Principles
				Computer Network Setup
				Network Design and Management
				Computerized Database System
				System Analysis and Design
				Computer Essential
				Computer Operations
				Computerized Database Systems

				Network Design and Management
				Computer Network Set Up
				Computer Essential
				Computer Operations
				Computer Network Set Up
				Basic Electronics
				Computer Software
				Work Ethics and Practices
				Network Design and Management
				Computer Repair and Maintenance
				Computer Network Set Up
				Computer Essential
				Computer Operations
		7. COMPUTER SCIENCE	6	Artificial Intelligence
				Information Systems
				Network and Distributed Systems
				Database Management Skills
				Fundamentals of Programming
				Information Systems
				Fundamentals of Programming
				Database Management Skills
				Information Systems
				Basic Electronics
				Database Management Skills



				Graphic Design
				Fundamentals of Programming
				Information Systems
				Computer Organization and Architecture
				Computer Operations
				Operating Systems
				Mathematics
11.	AGRICULTURE	1. GENERAL AGRICULTURE	4,5 & 6	Farm Machinery
				Annual Crops
				Horticultural Crops
				Water Utilization
				Ruminant Animal Production
				Non-Ruminant Animal Production
		2. GENERAL AGRICULTURE	5 & 6	Digital Literacy
				Communication Skills
				Perennial Crops
				Fish Farming
				Bee Production
		3. GENERAL AGRICULTURE	6	Soil Science Principles
				Inorganic and Organic Chemistry Principles
				Animal Anatomy and Physiology
		4. HORTICULTURE PRODUCTION	5	Farm Irrigation and Drainage System Operation
				Farm Machinery Operation

				Tropical Fruit Production
				Cut Flowers Production
		5. ENVIRONMENTAL SCIENCE	6	Monitor Environmental Pollution
				Perform Environmental Waste Management
				Digital Literacy
				Apply Inorganic and Organic Chemistry
		6. ENVIRONMENTAL SCIENCE	6	Apply Communication Skills
				Perform Environmental Health and Safety Practices
				Apply Natural Resource Economics
				Perform Environmental Ecology Maintenance
				Monitor Climate Change