



Republic of Rwanda
Ministry of Education



RTB | RWANDA
TVET BOARD

CURRICULUM STRUCTURE

RQF LEVEL

3

TVET CERTIFICATE III in PLUMBING TECHNOLOGY

CBSPLT302

Kigali, May 2022

CBSPLT302-TVET CERTIFICATE III

Plumbing Technology

RQF Level 3 CURRICULUM

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List of Abbreviations

4IR	Fourth Industrial Revolutions
AI	Artificial Intelligence
PVC	Polyvinyl Chloride
UPVC	Unplasticized Polyvinyl Chloride
PPR	Polypropylene Random
GI	Galvanized iron
HDPE	High Density Polyethylene
MDPE	Medium Density Polyethylene
CAD	Computer Aided Design
CDU	Curriculum Development Unit
CM	Complementary Modules
CV	Curriculum Vitae
DACUM	Developing a Curriculum
HR	Human Resources
IAP	Industrial Attachment Program
IOT	The Internet of Things
IPRC	Integrated Polytechnics Regional College
MINEDUC	Ministry of Education
MS	Microsoft
OECD	Organization for Economic Co-operation and Development
OHS	Occupational Health and Safety
PPE	Personal Protective Equipment
RQF	Rwandan Education Qualification Framework
RP	Rwanda Polytechnic
RTB	Rwanda TVET Board
SWOT	Strength Weakness Opportunities and Threats
TSS	Technical Secondary School
TVET	Technical and Vocational Education and Training
CBSPLT	Construction Building Service Plumbing Technology
WHS	Work Health & Safety
PLT	Plumbing Technology
UR/CST	University of Rwanda/ College of Science and Technology
RSB	Rwanda Standard Board
ISO	International Standard Organisation
EAS	East Africa Standard
IEC	International Electrotechnical Commission
STECOMA	Syndicat des Travailleurs des Entreprises de Construction, Menuiserie et Artisanat
GDP	Gross Domestic Product

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Production team

Coordination

RWAMASIRABO Aimable, Head of Curriculum and Instructional Materials. Development Department, RTB

Facilitation

CYIZA Vedaste, Water & Irrigation Trades Specialist, RTB

Editing

UWINEZA Patrick, Curriculum Editor, ADECOR Rwanda

Curriculum Development Team

1. Specific modules

No	Names	Organization	Position
1.	SINAYOBYE Pascal	Nyamirama TVET School	Trainer
2.	MUTEGARUGORI Theodosie	Muganza TVET School	Trainer
3.	UWIMANA Abdoukarim	CILECOS Ltd	Plumber
4.	MUSABYIMANA Jean Baptiste	PIRMAC Ltd	Plumber
5.	NYIRANEZA Theopiste	Eddy's Consultant	Plumber
6.	BASHIR KATUREBE BULWANYI	UGHE	Plumber
7.	GASAGURE Jean Baptiste	NIZO Construction	Plumber
8.	IMANISHIMWE Samuel	AIPAR Ltd	Plumber
9.	RENZAHO Emmanuel	NYAGISOZI TVET	School Manager
10.	MUTSINDASHYAKA Jean Baptiste	Baptiste & Partners Ltd	Plumber
11.	RINGUYENEZA Jean Berchmas	KEPLER	Plumber
12.	NDAGIJIMANA Yve Christian	Saint Silvan TVET	Trainer
13.	TWAGIRIMANA Jean Claude	RPO	Plumber
14.	TUMUSABE Yvonne	St Martin Gisenyi TVET	Trainer
15.	BIZIMANA Jean Bosco	Kirehe TVET	Trainer
16.	NISHIMWE Jean De la Croix	Bumba TVET	Trainer
17.	IMANIZABAYO Tharcille	Center For champion	Trainer
18.	KIMENYI Jean Pierre	River Drop LTD	Plumber
19.	MANIRAGUHA Augustin	YEPAMIES LTD	Plumber

2. General modules

#	Names	Organization	Position
1	Dr. UWIMBABAZI RUGANZU Leon Fidele	UR/CST	Lecturer
2	MUNYANEZA Alphonse	CFJ BENEBIKIRA Ngarama TVET school	Trainer
3	NGEZHAYO Emmanuel	Rusumo High School	Trainer
4	UFITINEMA Bonaventure	GSNDP Cyanika	Trainer
6	HARELIMANA Wilson	Nyanza TVET School	Trainer
7	SINABAJIJE Alphonse	Nyamasheke District	DDE
8	UWITIJJE Pierre Damien	UR/CST	Lecturer
9	UWAYEZU Jean Claude	IPRC GISHARI	Assistant Lecturer
10	NIYODUSENGA Patrick	ESN Nyanza	Trainer
11	NTABWOBA Felix	Ecole Technique Saint Kizito	Trainer
12	KARUHANGA Benon	New Life Christian Academy-Kayonza	Trainer
13	NTASHAMAJE Aimable	St Kizito Save TVET School	Trainer
14	MWANANGU Theophile	Kirehe District	DDE
15	MUNEZERO Wivine	EFA Nyagahanga	Trainer
16	NSANZIMANA Jean Baptiste	Kayenzi TVET School	Trainer
17	NDIKUMANA Dieudonee	GSNDP Cyanika	Trainer
18	UWITONZE Nestor	UR Chemistry Trainer	Lecturer
19	NYIRIMANZI Philemon	Kabutare TVET School	Trainer
20	UWAMAHORO Angelique	Kabutare TVET School	Trainer

21	NIRAGIRE Robert	DDE Karongi	Lecturer
22	UFITINEMA J. Chrisotome	UR	Lecturer
23	SHYAKA Geofrey	IPRC HUYE	Assistant Lecturer
24	NDAGIJIMANA Siganda Joseph	Nyabikenke TVET	Trainer
25	HARINDINTWARI Canisus	EAV Ntendezi TVET	Trainer
26	MUSABYEMARIYA Marie Jeanne	GSND Cyanika	DOS/ Trainer
27	MUHIRE Protegene	Huye D	DDE
28	NSABIMANA Rene David	Nyabikenke TVET	DOS

3. Complementary modules

#	Names	Institution	Position
1	MURWANASHYAKA Abel	GSNDP CYANIKA	Trainer
2	NKESHA Gatambiye	APARPE TVET SCHOOL	Trainer
3	HABAGUSENGA Louis	IPRC Kigali	Assistant Lecturer
4	UWIRAGIYE Antoinette	MPANDA TVET	Trainer
5	DUSABEMARIYA Francine	IPRC Kigali	Assistant Lecturer
6	NGABONZIZA Francois Xavier	Lycee Catholique St Alain Mataba	Trainer
7	NDAHAYO Jacques	Nyanza TVET School	Trainer
8	MUSHIMIYIMANA Chantal	SJIP NYAMIRAMBO	Trainer
9	AKINGENEYE Angelique	ACEJ KARAMA	Trainer
10	TUYISHIME Henry	MUSHA ADVENTIST TECHNICAL COLLEGE	Trainer
11	MUHAYIMANA Theoneste	KAYENZI TVET SCHOOL	Trainer
12	KANZAYIRE Collette	RWABUYE TVET	Trainer

13	INGABIRE Francoise	Nyanza –Busasamana TVET	Trainer
14	JAMBO Jean d’Amour	TSS/IPRC Kigali	Trainer
15	MUTUMYINKA Josephine	GSNDP Cyanika	Trainer
16	HARERIMANA Charles	COLLEGE LA LUMIERE DE GASHONGA TVET SCHOOL	Trainer
17	KWIZERA INGABIRE Diane	GSNDP Cyanika	Trainer
18	NTIVUGURUZA J. Berchmas	GIKONKO TVET SCHOOL	Trainer
19	MUTAGANZWA Gilbert	ES RUKARA	Trainer
20	MATATA Jean Bosco	GS ADEBE	Trainer
21	MUKAMULIGO Candide	St Joseph Primary School	Trainer
22	MBUGUJE Bienvenu	IPRC Ngoma	Trainer
23	TINDO Francois Xavier	Collegio Santo Antonio Zaccaria	Trainer
24	ZIRIMWABAGABO Jean Pierre	Lycee Catholique St Alain Mataba	Trainer
25	KAREKEZI Dieudone	IPRC Musanze	Trainer
26	HAKIZIMANA Joseph	Marie Dominic Mazzarello	Trainer
27	NDIKUBWIMANA Faustin	IPRC Kigali/Tss	Trainer

FOREWORD

The global rapid changes in the labour market tends do call for appropriate training and skills development through outcome-based training approaches. Skills development and employment promotion are central to Rwanda’s transformative Vision 2050, aiming to secure high standards of living for all Rwandans. In a bid to transform Rwanda into a knowledge based economy, the National Strategic Transformation 1(NST1) calls socio-economic transformation through TVET skills development. The Rwanda TVET Board (RTB) was established to promote quality education in technical and vocation education and training from level one (1) to five (5) aimed at fast tracking socio-economic development of the country. Designing and distributing curricula, teaching materials, trainer’s guides, methodologies and establish training methods for technical and vocation education and training from level one (1) to five (5); is among other RTB’s responsibilities

The existing curricula were limited and narrowed in terms of acquired skills and knowledge and were not meeting the requirements of the current labour market at both national and regional level. In addition there were. Barriers in vertical mobility and pathways in TVET which resulted in negative TVET perception. Furthermore, there were barriers to admission of TVET graduates of certain programs into higher learning institutions.

The TVET modernization process has begun with a clear picture of the programs focusing on sector with the high employment potential like Construction and Building Services among others. In this respect, Rwanda TVET Board, in collaboration with ENABEL, is honoured to avail the revised curriculum of Plumbing Technology which serves as the official document and respond to the above mentioned concerns.

With the help of the training providers, trainers, parents whose role is central to the success of this curriculum, the trainees will gain appropriate hand on skills which will make a difference not only to their own lives but also to the success of Rwanda’s economy.

I wish to sincerely extend my appreciation to the people who contributed towards the development of this document.

Eng._ Dip. Paul UMUKUNZI

Director General/ RTB

1. GENERAL INTRODUCTION

The curriculum presents a coherent and significant set of competencies to perform the occupation/s of a **Pipe Joiner/fitter, Domestic water supply installer, maintenance Technician plumber, House Drainer, Sanitary appliances installer**. It is designed with an approach that takes into account the training needs, the work situation, as well as the goals and the means to implement the training.

The modules of the curriculum include a description of the expected results of the training. They have a direct influence on the choice of the theoretical and practical learning activities. The competencies are the targets of the training: the acquisition of each is required for certification.

The curriculum is the reference to carry out the assessment of learning. Assessment tools of learning are developed based on this document.

The curriculum consists of three parts. The first part is of general interest and shows the nature and goals of the program and the key concepts and definitions used in the document. The second part presents the qualification, its level in the qualification framework, its purpose, its rationale and the list of modules it comprises. The third part deals with the training package. It includes the competencies chart, the sequencing of module learning, the description of each module and the course structure.

The pages describing the modules are the heart of a curriculum. They present the title of the module, the length of training, the amount of credits, the context in which the competency is performed, the prerequisite competencies, the elements of competency and the performance criteria.

In each module, a course structure is provided. The course structure describes the learning outcomes (knowledge, skills and attitudes) and the learning contents related to each learning unit. In addition, the learning activities and resources for learning are suggested.

Finally, the assessment specifications and guidelines are included in each module.

2.4 Rationale of the

Rwanda's building and construction industry has rapidly grown in the past couple of years with both government and private sector engaged in the construction of buildings and roads infrastructure triggering what is now dubbed as a "construction boom in Rwanda". The construction industry contributes immensely towards the GDP of the Country mainly through direct income and massive employment opportunities generated from various infrastructure projects, rehabilitation and maintenance. It is estimated that the construction sub-sector of the larger industrial sector contributes the highest to the country's industrial GDP. However, there has been an over dependence on imported building materials, which depletes the meager foreign exchange resources while denying the citizens the opportunities of production of the materials locally. In Rwanda, the available amounts of clay, wood/timber, sand and stone are not fully exploited for industrial growth. Nyarugenge District for example, has 700,000 cubic meters of clay; this shows the richness of natural resources in Rwanda. Whowever, there is a need for detailed geology studies to establish the exact quantities of these construction materials nationwide and establish their lifespan and quality.

The construction materials industry in Rwanda was profiled with a sampled analysis of eleven natural construction materials extractors, seven man-made products manufacturers and twelve contractors. The emerging issues highlight the following opportunities: vast quantities of natural construction materials, plenty of traditional knowledge in construction, a willing human resource, availability of construction industry related to technical institutions, regional integration and political will by the government to revitalize the industry. The constraints and weaknesses to development of this industry were identified as follows: an inefficient, inconsistent supply of raw materials, limited skilled manpower, capital-acquisition difficulties, high competition from other regional actors (from Kenya and Uganda), inconsistent and inadequate energy/power supply and low quality production output.

2. QUALIFICATION DETAILS

2.1. Description

Title:	TVET Certificate 3 In Plumbing Technology
Level:	RQF Level 3
Credits:	120
Sector:	Construction and Building Services
Sub-sector:	Plumbing Technology
Issue date:	May, 2022

2.3 Graduate profile

This qualification provides the skills, knowledge, and attitude for a learner to be competent in a range of routine tasks and activities that require the application of practical skills in a defined context. Work would be undertaken in various building and construction enterprises where erecting foundation and walls, plastering and screeding pavement are carried out. Learners may work with some autonomy or in a team but usually under close supervision.

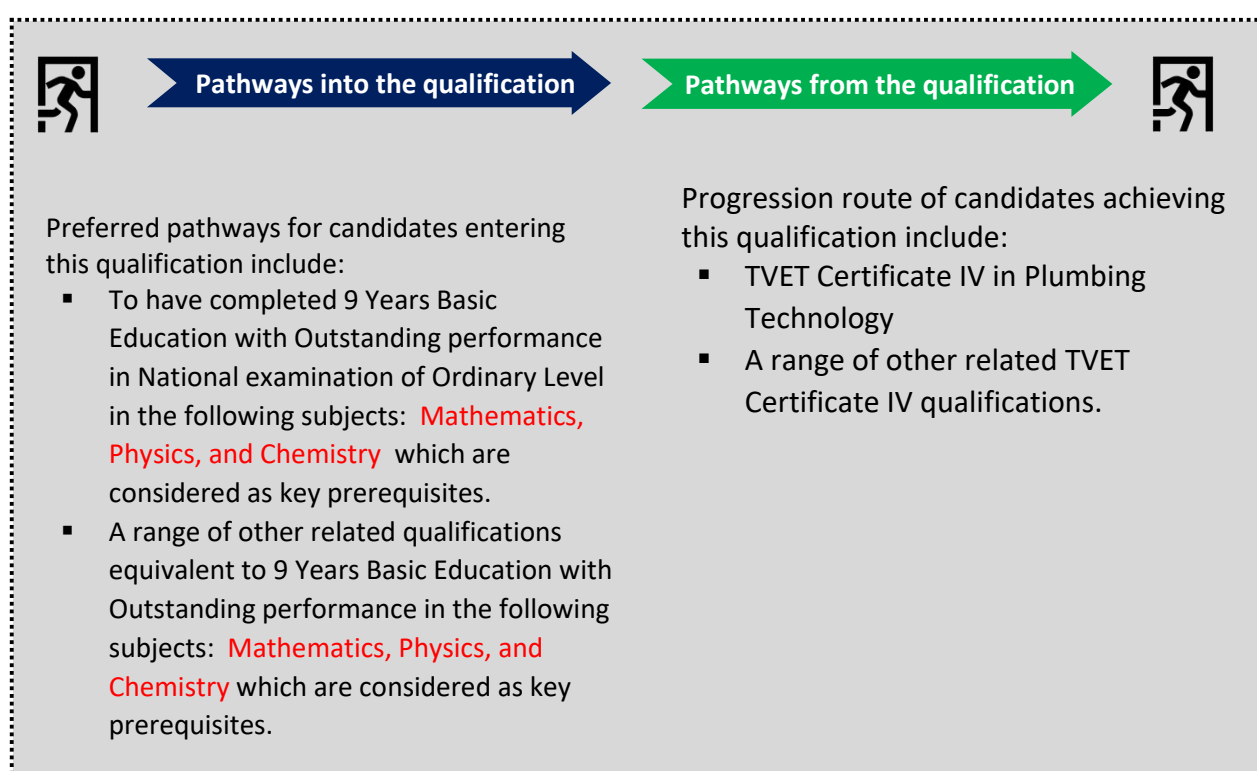
At the end of this qualification, qualified learners will be able to:

1. Describe the occupation and learning process
2. Maintain SHE at workplace
3. Create a Business
4. Communicate simply using English in familiar situations
5. Apply computer literacy
6. Comply with Citizenship values
7. Pratiquer l'activité de communication en français dans le metier
8. Gukoresha IkinyaRwanda kiboneye
9. Kutumia Kiswahili Wastani
10. Apply Algebra and Trigonometry
11. Demonstrate Basics of Chemistry
12. Apply general physics
13. Perform basic Electricity
14. Plan Plumbing works
15. Install House Drainage

16. Maintain and repair Plumbing Facilities
17. Perform Pipes Joining
18. Install sanitary appliances
19. Perform Domestic water supply Installation
20. Integrate the workplace

2.4 Minimum entry requirements and pathways

The minimum entry requirement to this course is to be mentally fit with an interest in Plumbing Technology and related areas.



2.5 Job related information

This qualification prepares individuals to integrate the building construction industry with the professionalization of *a pipe joiner/fitter, domestic water supply installer, sanitary appliances installer and, House drainer*. This qualification again offers the opportunity to execute the works as pipe joining/fittings, Domestic water supply installation, sanitary appliances installations and house draining while ensuring that safety, security and environmental regulations are respected.



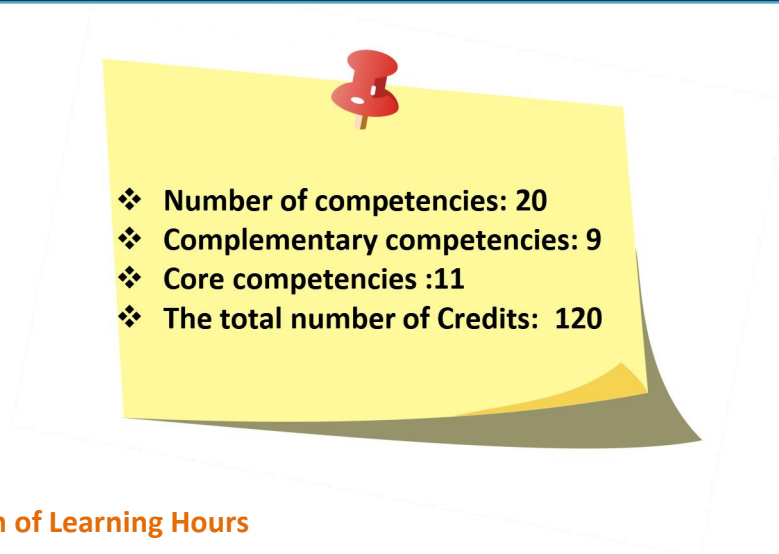
Possible jobs related to this qualification

Domestic Plumber

2.6 Information about competencies

No	Code	Complementary competencies	Credit
1	CCMOL302	Describe the occupation and learning process	3
2	CCMHE302	Maintain SHE at workplace	3
3	CCMBC302	Create a Business	3
4	CCMEN302	Communicate simply using english in familiar situation	3
5	CCMCL302	Apply computer literacy	3
6	CCMCZ301	Comply with Citizenship values	3
7	CCMFT302	Pratiquer l'activité de communication en français dans le métier	3
8	CCMKN302	Gukoresha Ikinyarwanda kiboneye	3
9	CCMKK302	Kutumia Kiswahili Wastani	3
Total			27

No	Code	Core competencies	Credit
GENERAL	1. GENAM301	Apply Algebra and Trigonometry	6
	2. GENBC301	Demonstrate Basics of Chemistry	3
	3. GENPY301	Apply general physics	4
	4. PLTBE302	Perform basic Electricity	7
SPECIFIC	5. PLTHD302	Install House Drainage	9
	6. PLTPJ302	Perform Pipes Joining	11
	7. PLTPW302	Plan Plumbing works	7
	8. PLTSA302	Install sanitary appliances	10
	9. PLTPF302	Maintain and Repair Plumbing Facilities	6
	10. PLTWS302	Perform Domestic water supply Installation	8
	11. BDCIA302	Integrate the workplace	20
Total			91



2.8 Allocation of Learning Hours

N0	Module name	Learning Outcomes	Theoretical hours	Practical hours	Total hours
1	Occupation and Learning Process	LO1: Participate in a team and respect the rules and regulations of training.	3	7	10
		LO 2: Explain the occupation and learning process	1	4	5
		LO3: Respect the facilitation and apply learning	1	4	5

		methods.			
		LO4: Develop personal plans based on self assessment practices	3	7	10
Total hours			8	22	30
2	Safety, Health and Environment at Workplace	LO1: Maintain personal hygiene, health and safety	7	8	15
		LO2: Sustain a safe and healthy environment at workplace	3	4	7
		LO3: Ensure environmental sustainability	4	4	8
Total hours			14	16	30
3	Français	LO1: Lire un texte lié à son métier	2	6	8
		LO 2:Pratiquer l’expression orale	2	6	8
		LO 3: Accorder les verbes	2	12	14
Total hours			6	24	30
4	Entrepreneurship	LO1: Describe basic aspects of Entrepreneurship	5	5	10
		LO2: Assess Business Environment	2	3	5
		LO3: : Generate Business Idea	7	8	15
Total hours			6	24	30
5	Citizenship	LO1: Describe Rwanda colonization period	6	2	8
		LO2: : Describe the Independent Rwanda	7	3	10
		LO3: E Patriotism and Heroism in Rwanda	5	1	6
		LO4: Examine leadership and management	5	1	6
Total hours			23	7	30

6	English	LO 1: Narrate about familiar events and activities	1	6	7
		LO2: Write short compositions on familiar topics	2	6	8
		LO3: Read and interpreting messages from simple texts and social letter	1	6	7
		LO4: React to common trade-related oral English.	2	6	8
Total hours			6	24	30
7	Information and Communication Technology	LO1: Apply computer basics	3	8	10
		LO2: Use a current Word processing package	1	4	5
		LO3: Use current spreadsheet package	1	4	5
		LO4: Use current power point presentations	1	4	5
		LO5: Use Internet/Intranet (outlook)	1	4	5
Total hours			7	23	30
8	Ikinyarwanda	LO1: Gukoresha ubuvanganzo gakondo ashyikirana n’abandi	1	5	6
		LO 2: Gukoresha Ikinyarwanda kiboneye agaragaza itandukaniro ry’amazina bwite n’amazina rusange n’imiterere y’isanisha ryo mu bisekuru.	1	5	6
		LO3 :Kugaragaza amategeko y’igenamajwi mu izina mbonera.	1	5	6

		LO 4: Kugaragaza intêgo ya ntera n'amategeko y'igenamajwi.	1	5	6
		LO5: Gukoresha imyandikire ikwiye y'Ikinyarwanda.	1	5	6
Total hours			5	25	30
9	Kiswahili Wastani	LO1: Kutumia msamiati wa Kiswahili katika maandishi na mazungumzo kimsingi	2	8	10
		LO2: Kutumia aina za maneno ya lugha ya Kiswahili kimazungumzo na kimaandishi.	2	8	10
		LO3: : Kutumia nyakati za Kiswahili kimaandishi na kimazungumzo.	2	8	10
Total hours			6	24	30
10	Applied Physics	LO1: : Describe basic measurements in physics	4	4	8
		LO2: : Describe Motion in 1-Dimension	2	3	5
		LO3: Analyze motion in two Dimensions	3	3	6
		LO4: Demonstrate electrostatic phenomena	4	4	8
		LO5: Apply Geometric optics	4	3	7
		LO6: : Characterize sources of energy in the world	3	3	6
Total hours			20	20	40
11	Applied Mathematics	LO1: Solve algebraically or graphically linear and quadratic equations or	10	10	20

		inqualities			
		LO2: Apply matrices in solving simultaneous linear equations	5	5	10
		LO3: Apply fundamentals of trigonometry	7	8	15
		LO4: Apply fundamentals of complex numbers	8	7	15
Total hours			30	30	60
12	Applied Chemistry	LO1: Describe the structure of atom and molecules	5	5	10
		LO2: Apply the basics of inorganic chemistry	5	5	10
		LO3: Perform acid base titration	5	5	10
Total hours			15	15	30
13	Basic Electricity	LO1: Apply electrical safety measures	2	3	5
		LO2: Describe basic electrical principles theory	7	3	10
		LO3: Describe basic domestic electrical installation	7	3	10
		LO4: Identify and select electrical tools,materials and Equipments	3	7	10
		LO5: Perform various Electrical circuit	9	21	30
		LO6: Use measuring and testing electrical instruments	1	4	5
Total hours			29	41	70
14	Installation of house drainage	LO1: Prepare the workplace	2	3	5

	system	LO2: Select tools,materials and equipment	2	3	5
		LO3: Identify origin of waste water	5	10	15
		LO4: Conduct Masonry works and pipe laying	18	42	60
		LO5: Finish the work done	2	3	5
total hours			29	61	90
15	Pipe joining	LO1: Prepare the workplace	3	7	10
		LO2: Identify tools,materials and equipments	3	7	10
		LO3: Perform pipes joining method	12	48	60
		LO4: Clip the pipe work	3	7	10
		LO5: Test piping system	3	7	10
		LO6: Finish the work	5	5	10
total hours			29	81	110
16	Plumbing works planning	LO1: Conduct site survey	3	7	10
		LO2: Interpret plumbing drawings	3	7	10
		LO3: Identify tools, equipment and Materials	7	3	10
		LO4: Estimate the Cost	5	10	15
		LO5: Elaborate Clauses of agreement	5	10	15
		LO6: Plan work schedule	3	7	10
Total hours			22	48	70
17	Install Sanitary appliances	LO1: Prepare the workplace	3	7	10
		LO2: Interpret	2	3	5

		sanitary appliances user manuals			
		LO3: Select tools, materials and equipments	3	7	10
		LO4: Perform drilling for sanitary appliances	6	14	20
		LO5: Perform fixing and mounting of sanitary appliances and accessories	9	36	45
		LO6: Test performance of sanitary appliances	2	3	5
		LO7: Perform cleaning of the workplace and report the work	2	3	5
		Total hours		27	73
18	Install domestic water supply	LO1: Prepare the workplace	3	7	10
		LO2: Select Tools ,materials and equipment	2	3	5
		LO3: Install cold water supply systems	8	17	25
		LO4: Install hot water system	6	14	20
		LO5: Perform water supply system Test	3	7	10
		LO6: Finish the installation	3	7	10
		Total hours		25	55
19	Industrial Attachment Program (IAP)	LO1: Apply for internship	10	0	10
		LO2: Demonstrate workplace behavior and attitudes	10	0	10
		LO3: Analyze own professional gaps in line with industry demands	10	0	10

		LO4: Enhance acquired competencies at the workplace	0	170	170
Total hours			30	170	200
20	Plumbing Facilities repair and Maintenance	LO1: Ensure health and safety measures	2	3	5
		LO2: Identify the failures in plumbing facilities	3	7	10
		LO3: Schedule for repairing and maintenance activities	3	7	10
		LO4: Select appropriate materials ,tools and equipments	2	3	5
		LO5: Elaborate the cost estimation	3	7	10
		LO6: Perform repairing and maintenance of plumbing Facilities	5	10	15
Total hours			18	42	60
Total hours					1180

3. TRAINING PACKAGE

The training package includes the competencies chart, the flowchart, the modules, the course structure, and the assessment guidelines.

3.1 Course structure

The course structure describes the learning outcomes for each learning unit. These learning outcomes are the essential skills and knowledge to be acquired. The contents to be covered for each learning outcome are prescriptive. The Learning Activities contain a series of suggestions, usually with several options, that will guide the learner and the trainer.

3.2 Flowchart

The flowchart of sequencing of learning is a schematic representation of the order of acquisition of the competencies. It provides an overall planning of the entire training programme and shows the relationship between the modules. This type of planning is to ensure consistency and progression of learning. For each module, the flowchart shows the learning that is already in place, the learning that is to take in parallel or later. The positions defined will have a decisive impact on all subsequent pedagogical choices. The flowchart of the sequence of learning of the modules of the training programme is presented on the following page.

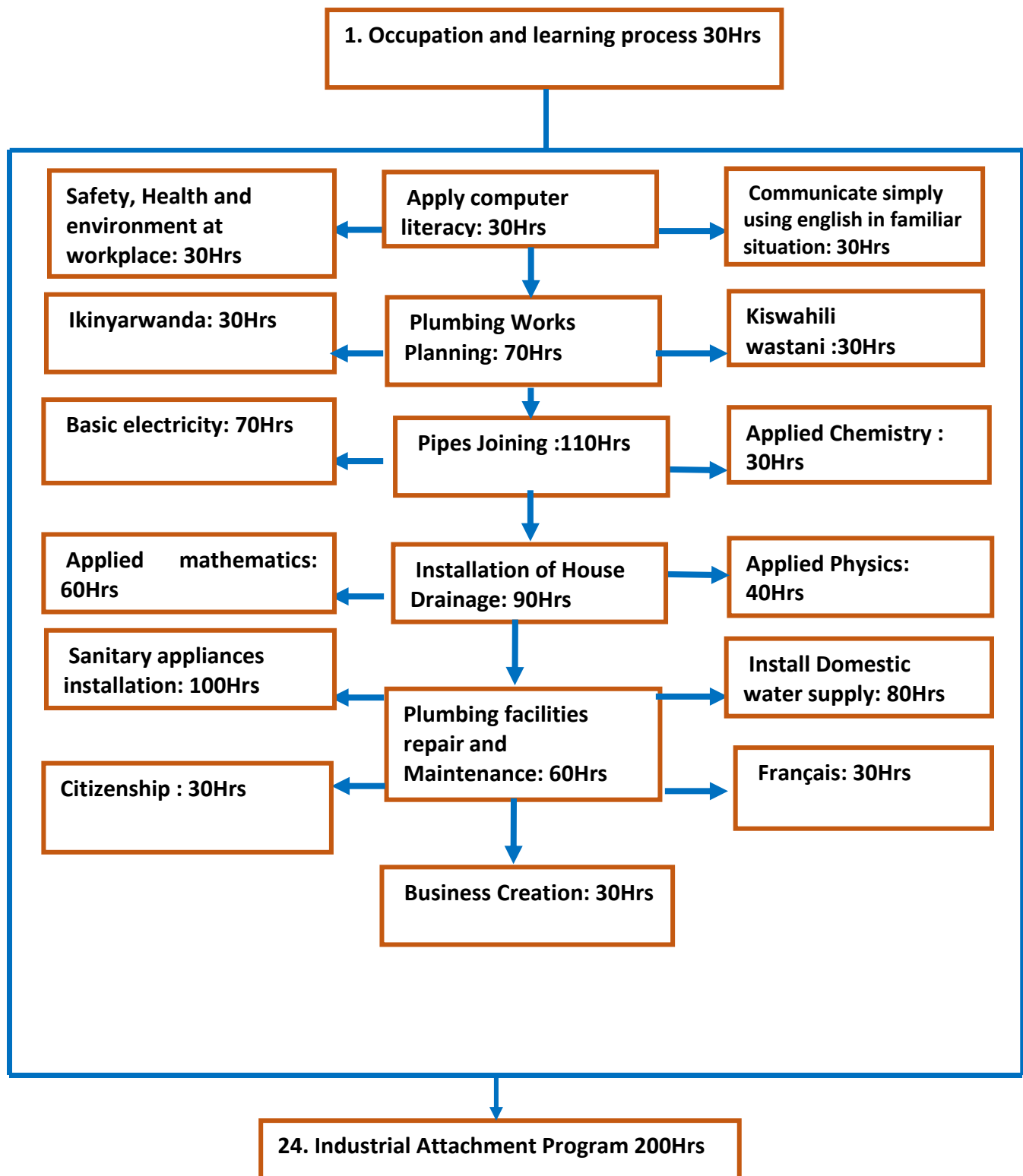


Figure 1: Flowchart

4. ASSESSMENT GUIDELINES

4.1 Assessment Methodology

To assess knowledge, practical, and application skills through a jury system of continuous evaluation that encourages learners to display understanding of the principles in application to set practical tasks and their attendant theory to assess self-learning.

There are two types of assessment (Formative Assessment and Summative/Integrated Assessment). Each assessment has its own rule for passing to be declared competent.

Formative Assessment

This is applied on all types of modules (e.g. Complementary, General and Specific modules)

A trainee to be competent for a formative module must have at least 70%

A trainee to be eligible to undertake integrated assessment of specific modules must have at least 50% as passing line for general and complementary modules.

Each trainee should be competent on all formative assessments to be declared competent on that module

All formative assessment should be declared competent before taking the summative/integrated assessment

Summative Assessment

All Summative/Integrated assessment should match with the content of the module in the curriculum.

Summative/Integrated Assessment is always in practical, giving it as a theoretical type of assessment is not acceptable.

The integrated situation provided in the curriculum is a sample of the assessment to be carried out, the Trainer/Teacher has the role of developing another one referring to the task to be carried out in the integrated situation in accordance to the circumstances inside school, but the integrated situation should stick on the components of a task.

During Summative/Integrated assessment, assessor panel members should be three (3).

The trainee can be declared competent based on the assessment CRITERIA and its respective assessment indicators

The Passing Line for the modules is:

- 50 % for general and complementary modules
- 70 % for specific modules

Training delivery		100%	Assessment		Total 100%
Theoretical content		30%	Formative assessment	30%	50%
Practical work:		70%		70%	
Group project and presentation	20%				
Individual project /Work	50%				
		Summative Assessment			50%

Note:

1. Summative assessment is always conducted at the completion of module delivery. It should be practical through an integrated situation for specific modules and in any other forms of assessment for complementary and general modules.
2. Learning hours assigned to specific module includes the duration assigned to integrated assessment.

GLOSSARY

1. **Assessment:** A process of gathering and judging evidence in order to decide whether a person has attained a standard of performance.
2. **Assessment criteria:** Statements which describe performances and place them in context with sufficient precision to allow valid and reliable assessment.
3. **Best practice:** Management practices and work processes that lead to outstanding or top-class performance and provide examples for others.
4. **Competency standard:** An industry-determined specification of performance which sets out the skills, knowledge and attitudes required to operate effectively in employment. Competency standards are made up of units of competency, which are themselves made up of elements of competency, together with performance criteria, a range of variables, and an evidence guide.
5. **Competency:** means the ability to apply knowledge, skills and personal, social and methodological skills in the workplace or during learning, as well as in personal and professional development. This ability or capacity is acquired through learning, exposure to the tasks and series of training allowing one to perform specific task autonomously. Reason why in the context of the CBE Framework competencies are described as responsibility and independence.
6. **Competency-based assessment (or CBA):** The gathering and judging of evidence in order to decide whether a person has achieved a standard of competency.
7. **Complementary competencies:** Set of knowledge, skills and attitudes which are not directly linked to a specific occupation or industry, but which are important for work, education and life in general, such as communication, mathematics, organizational aptitude, and computer literacy, interpersonal and analytical competency.
8. **Core modules:** Modules leading to competencies' acquisition that an industry sector has agreed upon as essential for a person to be accepted as competent at a particular level. All modules may be core, but in many cases competency at a level will involve core modules plus optional or specialization modules. Core competencies are normally those central to work in a particular industry.
9. **Credential:** Formal certification issued for successful achievement of a defined set of outcomes, e.g. successful completion of a course in recognition of having achieved particular knowledge, skills or competencies; successful completion of an apprenticeship or traineeship.

10. **Credit:** The acknowledgement that a person has satisfied the requirements of a module.
11. **Curriculum:** The specifications for a course or subject (module) which describe all the learning experiences a learner undergoes, generally including objectives, content, intended learning outcomes, teaching methodology, recommended or prescribed assessment tasks, assessment exemplars, etc.
12. **Evidence guide:** The part of a competency standard which provides a guide to the interpretation and assessment of the unit of competency, including the aspects which need to be emphasized in assessment, **relationships to other units, and the required evidence of competency.**
13. **Flexible delivery:** A range of approaches to providing education and training, giving learners greater choice of when, where and how they learn. Flexible delivery may involve distance education, mixed-mode delivery, online education, self-paced learning, self-directed learning, etc.
14. **Formal education:** Also formal training education or training provided in educational institutions such as schools, universities, colleges, etc. or off the job in a workplace, usually involving direction from a teacher or instructor.
15. **General competencies:** competencies correspond to larger operations that go beyond the tasks, but generally contribute to their implementation. These activities require more fundamental learning and are generally common to several tasks and transferable to many work situations.
16. **Generic modules:** Modules leading to the attainment of complementary competencies.
17. **Informal education:** The acquisition of knowledge and skills through experience, reading, social contact, etc.
18. **Internship:** An opportunity for a learner to integrate career related experience by participating in planned, supervised work.
19. **Key competencies:** Any of several generic skills or competencies considered essential for people to participate effectively in the workforce. Key competencies apply to work generally, rather than being specific to work in a particular occupation or industry. The following are key areas of competency which were developed into seven key competencies: collecting, analyzing and organizing information; communicating ideas and information; planning and organizing activities; working with others and in teams; using mathematical ideas and techniques; solving problems; and using technology.
20. **Knowledge:** means the result of the adoption of information through the learning process. Knowledge is a set of facts, principles, theories and practices

related to area of work or study.
In CBE context lifelong learning knowledge is described as theoretical and / or factual.

21. **Learning outcomes:** are statements of what learner knows, understands and can perform, based on the completion of the learning process, defined by knowledge, skill and competency.
22. **Learning activities:** Suggested activities that can be developed during lesson planning and activity preparation. The choice of learning activities must be tailored according to group size, available material resources and communication tools.
23. **Learning hours:** Amount of hours required to acquire the competency, including the time allocated to evaluation, which is estimated between 5 and 10% of the total learning time of the competency.
24. **Learning outcomes:** Statements that indicate what learners will know or be able to do as a result of a learning activity. Learning outcomes are usually expressed as knowledge, skills, or attitudes.
25. **Module:** A unit of training which corresponds to one competency and which can be completed on its own or linked to others.
26. **Occupation:** The principal business of one's life.
27. **Performance criteria** The part of a competency standard specifying the required level of performance in terms of a set of outcomes which need to be achieved in order to be deemed competent. It describes the quality requirements of the result obtained in labor performance.
28. **Qualification:** means the formal name for the result of a process of assessment and validation, which is obtained when a competent body determines that an individual has achieved learning outcomes to the standards laid down.
29. **Quality assurance:** The systems and procedures designed and implemented by an organization to ensure that its products and services are of a consistent standard and are being continuously improved.
30. **Recognition of prior learning (or RPL):** The acknowledgement of a person's skills and knowledge acquired through previous training, work or life experience, which may be used to grant status or credit in a subject or module.
31. **Skills:** are the ability to apply knowledge and use the principle of "know how" to perform a specific task and to solve the problem. In the context of the CBE Framework, skills are defined as cognitive (involving the use of logical, intuitive and creative thinking), practical (including physical skill and use of methods, materials, devices and instruments) and social skills (communication and cooperation skills, emotional intelligence and other).
32. **Specific competencies:** Competencies that are directly related to the tasks of the

occupation in the workplace context. They refer to concrete, practical, and focused aspects

33. **Traineeship:** A system of vocational training combining off-the-job training at an approved training provider with on-the-job training and practical work experience. Traineeships generally take one to two years and are now

a part of the New Apprenticeships system.

34. **Unit of competency:** A component of a competency standard. A unit of competency is a statement of a key function or role in a particular job or occupation. See also element of competency, performance criteria, range of variables.



Employable Skills for Sustainable Job Creation

Rwanda TVET Board (RTB)

Kigali-Rwanda

Email: info@rtb.gov.rw

Web: www.rtb.gov.rw

P.O. Box: 4940 Kigali, Rwanda