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**NEW STRUCTURE OF THE TECHNICAL AND VOCATIONAL EDUCATION EXAMINATIONS  
 AS FROM JUNE 2020 EXAMINATION SESSION**

**A. Structure of the Technical and Vocational Education Examinations**

**1. Intermediate Level**

MODULE	SUBJECTS	No of PAPERS
<b>Professional Subjects</b>	<i>Professional Subject 1</i>	3
	<i>Professional Subject 2</i>	3
	<i>Professional Subject 3</i>	3
<b>Related Professional Subjects</b>	<i>Related Professional Subjects1</i>	2 (3 papers if need be)
	<i>Related Professional Subject 2</i>	2 (3 papers if need be)
	<i>Related Professional Subject 3 (Mathematics Paper 2 for Industrial Candidates)</i>	2
<b>Other Subjects</b>	<i>Mathematics (Compulsory)</i> • Paper 1 will be same for all candidate as in GCE • Paper 2 will have separate sections for industrial and commercial candidate which will be different to that of GCE.	2
	<i>English (Compulsory)</i>	2
	<i>French (Compulsory)</i>	3
	<i>Computer Science</i>	3
	<i>Information and Communication Technology</i>	
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<b>Total No. of subjects to be offered: At least 8 Subjects and at most 11 Subjects</b>		

- The Professional and Related Professional Subjects are all compulsory likewise English and French.
- Candidates can select any other **two (2)** or **three (3)** subjects in the module of Other Subjects to make a maximum entry of **eleven (11)** subjects if they wish.

- Religious Studies can be selected as a subject in the module of **Other Subjects** but will not necessarily be the eleventh subject.
- Mathematics shall be considered a Related Professional Subject for Industrial Candidates. Mathematics Paper 2 shall have two (2) separate sections: one for the industrial and the other commercial specialties.

### 1.1 Structure of the Subjects

Each Subject shall have at least two (2) papers and at most three (3) papers:

- ✓ Paper 1 – MCQ (1 ½ hrs)
- ✓ Paper 2 – Problem Solving or Essay (at most 3 hrs)
- ✓ Paper 3 – Practical (at most 3 hrs)

**NB:** Internship is part of Paper 3 of one of the Professional Subjects as Specified by the Panel.

### 1.2 Pass/Fail Conditions

- a) To obtain a pass in the Technical and Vocational Education Examinations at the Intermediate Level, a candidate must pass in at least **FIVE (5) Subjects** with at least **TWO (2) Professional Subjects** and **ONE (1) Related Professional Subjects**.
- b) A candidate may pass in single subject(s) if he/she does not meet the pass condition in his/her Specialty.
- c) Absence in any Paper of Professional Subjects makes the candidate not to have a pass in the specialty. Such candidate can still obtain a pass in single subject(s).

### 1.3 Specialties and Subjects

#### COMMERCIAL SPECIALTIES

<b>Specialty: Accounting - ACC (CG)</b>					<b>Specialty: Home Economics -HEC (ESF)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	5005	Ohada Financial Accounting **	3	<b>Professional Subjects</b>	1	5035	Food Nutrition and Health *	3
	2	5010	Ohada Financial Reporting *	3		2	5040	Resource Management on Home Studies *	3
	3	5015	International Financial Accounting *	3		3	5045	Family Life Education and Gerontology *	3
<b>Related Subjects</b>	4	5020	Business Mathematics	2	<b>Related Subjects</b>	4	5050	Natural Science	2
	5	0520	Commerce	2		5	5020	Business Mathematics	2
	6	0525	Economics	2					
<b>Specialty: Marketing - MKT (ACC)</b>					<b>Specialty: Secretarial Administration and Communication- SAC (ACA)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	5060	Product Mastery	3	<b>Professional Subjects</b>	1	5090	Office Practice **	3
	2	5065	Sales Methods and Communication	3		2	5095	Professional Communication Techniques	2
	3	5070	Digital Marketing Practice **	3		3	5100	Information Processing	2
<b>Related Subjects</b>	4	0520	Commerce	2	<b>Related Subjects</b>	4	5020	Business Mathematics	2
	5	5020	Business Mathematics	2		5	0520	Commerce	2
	6	5055	Entrepreneurship	2		6	5005	Ohada Financial Accounting *	3

**Specialty: All Specialties**

Module	S/N	Sub Code	Subjects	No of Papers	Module	S/N	Sub Code	Subjects	No of Papers
<b>Other Subjects</b>	1	0520	Commerce	2	<b>Other Subjects</b>	8	0570/C	Mathematics (Compulsory)	2
	2	0525	Economics	2		9	0585	Religious Studies	2
	3	0530	English (Compulsory)	2		10	0595	Computer Science *	3
	4	0545	French (Compulsory)	2		11	0596	Information and Communication Technology *	3
	5	5420	Quality, Hygiene, Safety and Environment	2		12	5120	Law and Government	2
	6	0562	Citizenship	2		13	5051	Economic Geography	2
	7	0570/I	Mathematics (Compulsory)	2		14	5055	Entrepreneurship	2

**INDUSTRIAL SPECIALTIES**

<b>Specialty: Air Conditioning and Ventilation - HVAC (F5)</b>					<b>Specialty: Automobile Repair Mechanics - ARM (MA)</b>				
Module	S/N	Sub Code	Subjects	No of Papers	Module	S/N	Sub Code	Subjects	No of Papers
<b>Professional Subjects</b>	1	5300	Fundamental Refrigeration and Air Conditioning *	3	<b>Professional Subjects</b>	1	5130	Material Technology and Workshop Processes *	3
	2	5305	Electricity of Refrigeration *	3		2	5135	Electrical and Electronic Technology *	3
	3	5310	Refrigeration Repairs **	3		3	5140	Mechanical Technology **	3
<b>Related</b>	4	5155	Engineering Science	2	<b>Related</b>	4	5145	Mechanical Drawing	2

<b>Subjects</b>	5	570/I	Mathematics	2	<b>Subjects</b>	5	5155	Engineering Sciences	2
	6	5315	Engineering Drawing	2		6	0570/I	Mathematics	2
						7			
<b>Specialty: Automobile Bodywork and Painting - ABP</b>					<b>Specialty: Bespoke Tailoring - BEST (IH)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	5150	Vehicle Technology	2	<b>Professional Subjects</b>	1	5180	Textile Technology and Equipment	2
	2	5160	Mechanical Construction and Development*	3		2	5185	Fashion and Fabric Design	2
	3	5165	Material and Paint Technology *	3		3	5190	Pattern Making and Garment Construction **	3
<b>Related Subjects</b>	4	5155	Engineering science	2	<b>Related Subjects</b>	4	5155	Engineering Science	2
	5	0570/I	Mathematics	2		5	5195	Work Organization	2
						6	0570/I	Mathematics	2
<b>Specialty: Building Construction - CE-BC (F4-BA)</b>					<b>Specialty: Carpentry and Joinery - CJ (MEB)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	5200	Construction Processes and Building Practice **	3	<b>Professional Subjects</b>	1	5490	Carpentry /Joinery Drawing	2
	2	5225	Building Construction Drawing	2		2	5495	Carpentry *	3
	3	5230	Surveying, Soil Mechanics and Materials *	3		3	5500	Joinery **	3
<b>Related Subjects</b>	4	0570/I	Mathematics	2	<b>Related Subjects</b>	4	0570/I	Mathematics	2
	5	5155	Engineering Science	2		5	5155	Engineering Science	2
	6					6			
<b>Specialty: Electrical Power Systems - EPS (F3)</b>					<b>Specialty: Electronics - ELN (F2)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>

<b>Professional Subjects</b>	1	5235	Electrical Machines *	3	<b>Professional Subjects</b>	1	5255	Electronic Circuits *	3
	2	5240	Electrical and Electronic Circuit *	3		2	5260	Electronic Systems **	3
	3	5245	Electrical Technology and Diagram **	3		3	5265	Photovoltaic Systems *	3
<b>Related Subjects</b>	4	5155	Engineering science	2	<b>Related Subjects</b>	4	5155	Engineering Science	2
	5	0570/I	Mathematics	2		5	0570/I	Mathematics	2
	6	5315	Engineering Drawing	2		6	5315	Engineering Drawing	2
<b>Specialty: Manufacturing Mechanics - MAME (F1)</b>					<b>Specialty: Plumbing and Installation System - PHIS (IRSH)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	5380	Manufacturing Processes **	3	<b>Professional Subjects</b>	1	5455	Plumbing Network Drawing	2
	2	5385	Material Science and Processes *	3		2	5460	Plumbing Technology *	3
	3	5145	Mechanical Drawing	2		3	5465	Plumbing Maintenance **	3
<b>Related Subjects</b>	4	0570/I	Mathematics	2	<b>Related Subjects</b>	4	0570/I	Mathematics	2
	5	5155	Engineering Science	2		5	5155	Engineering Science	2
						6	0596	Information and Communication Technology *	3
<b>Specialty: Sheet Metal - SM (CM)</b>					<b>Specialty: Welding Fabrication - WF (MF)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	5395	Workshop Processes and Material *	3	<b>Professional Subjects</b>	1	5395	Workshop Processes and Material *	3
	2	5400	Sheet Metal Construction Drawing	2		2	5410	Metal Construction Drawing	2
	3	5405	Sheet Metal Work **	3		3	5415	Welding Fabrication Work **	3
<b>Related Subjects</b>	4	0570/I	Mathematics	2	<b>Related Subjects</b>	4	0570/I	Mathematics	2
	5	5155	Engineering Science	2		5	5155	Engineering Science	2
	6					6			

**Specialty: All Specialties**

<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Other Subjects</b>	1	0520	Commerce	2	<b>Other Subjects</b>	8	0570/C	Mathematics (Compulsory)	2
	2	0525	Economics	2		9	0585	Religious Studies	2
	3	0530	English (Compulsory)	2		10	0595	Computer Science *	3
	4	0545	French (Compulsory)	2		11	0596	Information and Communication Technology *	3
	5	5420	Quality, Hygiene, Safety and Environment	2		12	5120	Law and Government	2
	6	0562	Citizenship	2		13	5051	Economic Geography	2
	7	0570/I	Mathematics (Compulsory)	2		14	5055	Entrepreneurship	2

\* Subjects with Practicals

\*\* Subjects with Practicals and Internship Inclusive

## 2 Advanced Level

MODULE	SUBJECTS	No of PAPERS
<b>Professional Subjects</b>	<i>Professional Subject 1</i>	3
	<i>Professional Subject 2</i>	3
	<i>Professional Subject 3</i>	3
	<i>Professional Subject 4</i>	3
<b>Related Professional Subjects</b>	<i>Other Professional Subject 1</i>	3
	<i>Other Professional Subject 2</i>	3
	<i>Other Professional Subject 3</i>	3
	<i>Computer Science/ICT/Language and Organisational Communication/Entrepreneurship</i>	3
<b>Total No. of subjects to be offered: At least 6 Subjects and at most 8 Subjects</b>		

- The specialty acronyms will be in English and the corresponding French acronyms will be in brackets. This will be for a transitional period of three (3) years.
- Applied Mechanics should be in the module of Professional Subjects,

### 2.1 Structure of Subject

Candidates for the Technical and Vocational Examinations at the Advanced Level would be required to choose at least six (6) subjects and at most eight (8) subjects: three Professional and at least three (3) Related Professional Subjects.

Each Specialty Subject shall have three (3) papers:

- ✓ Paper 1 – MCQ (1 ½ hr)
- ✓ Paper 2 – Problem Solving or Essay (at most 3 hrs)
- ✓ Paper 3 – Practical (at most 4hrs)

**NB:** Internship is part of Paper 3 of one of the Professional Subjects will be decided by the Panel.



## 2.2 Pass/Fail Conditions

- a) To obtain a pass in the Technical and Vocational Education Examinations at the Advanced Level, the candidate must pass in at least **TWO (2) Professional subjects** and **TWO (2) Related Professional Subjects**.
- b) A candidate who is absent in a Paper of any of the Professional Subjects will not be given a pass in the Specialty.
- c) A candidate could pass in single subjects even when they do not meet the pass condition for the specialty.

### B. Method and Procedure of Validating Results

The Examinations Executive Committee (EEC) of the GCE Board is the organ that approves the grade boundaries for each subject and validates the results.

## 2.3 Specialties and Subjects

### COMMERCIAL SPECIALTIES

Specialty: Accounting - ACC (CG)					Specialty: Home Economics - HEC (ESF)				
Module	S/N	Sub Code	Subjects	No of Papers	Module	S/N	Sub Code	Subjects	No of Papers
Professional Subjects	1	7005	Financial Accounting **	3	Professional Subjects	1	7035	Catering Management & Dietetics *	3
	2	7010	Cost and Management Accounting	3		2	7040	Resource Management on Home Studies and Social Life *	3
	3	7015	Corporate Accounting	3		3	7045	Family Life Education and Gerontology **	3
Related Professional Subjects	4	7020	Business Mathematics	3	Related Professional Subjects	4	7050	Natural Science	3
	5	7025	Business Management	3		5	7055	Entrepreneurship	3
	6	7030	Commerce and Finance	3		6	7105	Professional English (Language and Organisational Communication)	3
	7	0725	Economics	3					
Specialty: Marketing - MKT (ACC)					Specialty: Secretarial Administration and Communication - SAC (ACA)				
Module	S/N	Sub Code	Subjects	No of Papers	Module	S/N	Sub Code	Subjects	No of Papers
Professional Subjects	1	7060	Professional Marketing Practice	3	Professional Subjects	1	7090	Organisation of Administrative Works and Technology (Filing and Office Equipment)**	3
	2	7065	Marketing Skills	3		2	7095	Professional Communication Skills *	3
	3	7070	Digital Marketing Practice **	3		3	7100	Information Processing	2
Related Professional Subjects	4	7020	Business Mathematics	3	Related Professional Subjects	4	7105	Professional English (Language and Organisational Communication)	3
	5	7025	Business Management	3		5	7110	Law	3
	6	7030	Commerce and Finance	3		6	0796	Information and Communication Technology *	3

<b>Specialty: Taxation and Information Management Systems - TIMS (FIG)</b>					<b>Specialty: Other Subjects for all Specialties</b>				
Module	S/N	Sub Code	Subjects	No of Papers	Module	S/N	Sub Code	Subjects	No of Papers
<b>Professional Subjects</b>	1	7115	Principles and Practice of Taxation **	3	<b>Other Subjects</b>	1	0725	Economics	3
	2	7120	Information Management Systems for Business	3		2	0795	Computer Science *	3
	3	7005	Financial Accounting *	3		3	0770	Mathematics with Statistics	3
<b>Related Professional Subjects</b>	4	7020	Business Mathematics	3		4	0785	Religious Studies	3
	5	7025	Business Management	3		5	0796	Information and Communication Technology *	3
	6	7030	Commerce and Finance	3		6	7030	Commerce and Finance	3
						7	7055	Entrepreneurship	2
						8	7075	Philosophy	3
						9	7105	Professional English (Language and Organisational Communication)	3
						10	7110	Law	3

\* Subjects with Practicals

\*\* Subjects with Practicals and Internship Inclusive

**INDUSTRIAL SPECIALTIES**

<b>Specialty: Automobile Construction and Maintenance: Vehicle - AM-LV (MAVT) Light</b>					<b>Specialty: Automobile Construction and Maintenance: Duty Vehicle - AM-HD (MAPL) Heavy</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7130	Maintenance of Mechanical Systems *	3	<b>Professional Subjects</b>	1	7165	Diesel Engine Technology *	3
	2	7135	Electrical and Electronic Systems *	3		2	7170	Electrical and Electronic Systems *	3
	3	7140	Engine Systems **	3		3	7175	Hydraulics and Chassis Systems **	3
	4	7145	Mechanical Design	3		4	7145	Mechanical Design	3
<b>Related Professional Subjects</b>	5	7150	Automation	3	<b>Related Professional Subjects</b>	5	7150	Automation	3
	6	7155	Engineering Science *	3		6	7155	Engineering Science *	3
	7	7160	Mathematics	3		7	7160	Mathematics	3
<b>Specialty: Clothing Industry -CLIN (IH)</b>					<b>Specialty: Architectural Draftsmanship - CE-AD (F4-BE)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7180	Textile Technology and Equipment	3	<b>Professional Subjects</b>	1	7200	Architectural Technology and Practice	3
	2	7185	Fashion and Fabric Design	3		2	7205	Drawing and Architectural Modelling	3
	3	7190	Pattern Making and Garment Construction **	3		3	7210	Architectural Project Management *	3
	4	7195	Work Organization	3		4	7215	Architectural Applied Mechanics	3
<b>Related Professional Subjects</b>	5	7160	Mathematics	3	<b>Related Professional Subjects</b>	5	7160	Mathematics	3
	6	7155	Engineering Science *	3		6	7220	Building Construction Surveying and Soil Mechanics *	3
	7	7055	Entrepreneurship	3		7	7155	Engineering Science *	3

<b>Specialty: Building Construction - CE-BC (F4-BA)</b>					<b>Specialty: Public Works - CE-PW (F4-TP)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7201	Building Construction Technology and Practice **	3	<b>Professional Subjects</b>	1	7203	Public Works Technology and Practice **	3
	2	7206	Building Construction Drawing	3		2	7207	Public Works Construction Drawing	3
	3	7211	Building Construction Project Management *	3		3	7212	Public Works Project Management *	3
	4	7216	Building Construction Applied Mechanics	3		4	7217	Public Works Applied Mechanics	3
<b>Related Professional Subjects</b>	5	7160	Mathematics	3	<b>Related Professional Subjects</b>	5	7160	Mathematics	3
	6	7155	Engineering Science *	3		6	7155	Engineering Science *	3
	7	7220	Building Construction Surveying and Soil Mechanics *	3		7	7220	Building Construction Surveying and Soil Mechanics *	3
<b>Specialty: Electrical Power System - EPS (F3)</b>					<b>Specialty: Electronics - ELN (F2)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7235	Power Electronics *	3	<b>Professional Subjects</b>	1	7255	Communication Systems *	3
	2	7240	Automatic control of Electrical Machines *	3		2	7260	Fundamental and Power Electronics *	3
	3	7245	Design of Electrical Installations **	3		3	7265	Design of Electronic Systems **	3
	4	7250	Circuit Analysis	3		4	7270	Microprocessor and Computer Technology *	3
<b>Related Professional Subjects</b>	5	7218	Applied Mechanics	3	<b>Related Professional Subjects</b>	5	7275	Electrical Machines	3
	6	7155	Engineering Science *	3		6	7160	Mathematics	3
	7	7160	Mathematics	3		7	7155	Engineering Science *	3
						8	7218	Applied Mechanics	3

<b>Specialty: Forestry Management and Techniques - FMT (EF)</b>					<b>Specialty: Heating - Ventilation and Air Conditioning - HVAC (F5)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7280	Sustainable Management of Forest Resources *	3	<b>Professional Subjects</b>	1	7300	Heating, Ventilation and Air Conditioning	3
	2	7285	Forest Operations **	3		2	7305	Air Conditioning Electricity *	3
	3	7290	Forest Sciences	3		3	7310	Refrigeration Installation *	3
	4	7295	Forest Geomatics *	3		4	7315	Air Conditioning Repairs **	3
<b>Related Professional Subjects</b>	5	7155	Engineering Science *	3	<b>Related Professional Subjects</b>	5	7160	Mathematics	3
	6	7160	Mathematics	3		6	7155	Engineering Science *	3
						7	7320	Food Processing and Preservation	3
<b>Specialty: Hospital and Biomedical Maintenance -HBMA (MHB)</b>					<b>Specialty: Installation and Maintenance of Electronic Systems - IMES (MISE)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7146	Mechanical Design	3	<b>Professional Subjects</b>	1	7340	Audio -Visual Systems *	3
	2	7325	Medical Devices **	3		2	7345	Alarm Systems **	3
	3	7330	Electrical, Electronics and Refrigeration Systems *	3		3	7350	Network and Telecommunication Systems *	3
	4	7335	Industrial Automation *	3		4	7355	Electronic Diagrams	3
<b>Related Professional Subjects</b>	5	7160	Mathematics	3	<b>Related Professional Subjects</b>	5	7160	Mathematics	3
	6	7155	Engineering Science *	3		6	7155	Engineering Science *	3

<b>Specialty: Maintenance of Electromechanical Equipment - MEME (MEM)</b>					<b>Specialty: Manufacturing Mechanics - MAME (F1)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7360	Maintenance of Mechanical, Pneumatic and Hydraulic systems *	3	<b>Professional Subjects</b>	1	7380	Production Processes *	3
	2	7365	Maintenance of Automated Production Systems **	3		2	7385	Material Science and Processes *	3
	3	7370	Maintenance of Electrical, Electronic and Refrigeration Systems *	3		3	7390	Industrial Automation and Numerical Control Machining **	3
	4	7375	Mechanical Technology and Fluid Power	3		4	7145	Mechanical Design	3
<b>Related Professional Subjects</b>	5	7160	Mathematics	3	<b>Related Professional Subjects</b>	5	7160	Mathematics	3
	6	7155	Engineering Science *	3		6	7155	Engineering Science *	3
<b>Specialty: Metal Works and Industrial Piping - MWIP (MFCM)</b>					<b>Specialty: Cosmetics and Pharmacology - COPH</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7395	Workshop Processes and Material *	3	<b>Professional Subjects</b>	1	7415	Applied Biochemistry /Microbiology	3
	2	7145	Mechanical Design	3		2	7420	Analytical and Physical Chemistry *	3
	3	7405	Marking out (Development)	3		3	7425	Cosmetics and Pharmacology Process **	3
	4	7410	Sheet Metal/Industrial Work **	3		4	7430	Processing Engineering	3
<b>Related Professional Subjects</b>	5	7160	Mathematics	3	<b>Related Professional Subjects</b>	5	7160	Mathematics	3
	6	7155	Engineering Science *	3		6	7155	Engineering Science *	3

**INDUSTRIAL SPECIALTIES**

<b>Specialty: Mining and Petroleum - MINP (MIPE)</b>					<b>Specialty: Petro Chemistry and Bio Products - PCBP (BIPE)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7420	Analytical and Physical Chemistry *	3	<b>Professional Subjects</b>	1	7445	Organic and Applied Biochemistry	3
	2	7435	Petroleum Process	3		2	7420	Analytical and Physical Chemistry *	3
	3	7430	Processing Engineering	3		3	7430	Processing Engineering	3
	4	7440	Mining and Petroleum Production **	3		4	7450	Petroleum and Bio Products Production **	3
<b>Related Professional Subjects</b>	5	7160	Mathematics	3	<b>Related Professional Subjects</b>	5	7160	Mathematics	3
	6	7155	Engineering Science *	3		6	7155	Engineering Science *	3
<b>Specialty: Plumbing and Hydraulic Installation Systems - PHIS (IRSH)</b>					<b>Specialty: Surveying - SURV (GTTO)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7455	Plumbing Drawing	3	<b>Professional Subjects</b>	1	7470	Digital Processing and Survey Technology **	3
	2	7460	Applied and Fluid Mechanics	3		2	7475	Special Techniques in Surveying *	3
	3	7465	Water supply and Drainage Networks Processes **	3		3	7480	Topographical Drawing	3
	4	7213	Plumbing Project Management *	3		4	7485	Land Survey Law	2
<b>Related</b>	5	7160	Mathematics	3	<b>Related</b>	5	7160	Mathematics	3



<b>Professional Subjects</b>	6	7155	Engineering Science *	3	<b>Professional Subjects</b>	6	7155	Engineering Science *	3

<b>Specialty: Wood Cabinet-Making -WCM (MEB)</b>					<b>Specialty: Wood Processing -WPR (IB)</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>	<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Professional Subjects</b>	1	7490	Furniture Design and Drawing	3	<b>Professional Subjects</b>	1	7510	Log Processing *	3
	2	7495	Construction Processes **	3		2	7515	Wood Preservation and Seasoning **	3
	3	7500	Finishing and Restoration Techniques *	3		3	7520	Wood Processing Regulations	3
	4	7505	Production Management	3		4	7525	Wood Study and Wood Grading *	3
<b>Related Professional Subjects</b>	5	7160	Mathematics	3	<b>Related Professional Subjects</b>	5	7160	Mathematics	3
	6	7155	Engineering Science *	3		6	7155	Engineering Science *	3
	7	7219	Applied Mechanics	3		7	7530	Maintenance and Machine Control	3

<b>Specialty: All Specialties whose entries are Less 8 than Subjects</b>				
<b>Module</b>	<b>S/N</b>	<b>Sub Code</b>	<b>Subjects</b>	<b>No of Papers</b>
<b>Related Professional Subjects</b>	1	0725	Economics	3
	2	0795	Computer Science *	3
	3	0770	Mathematics with Statistics	3
	4	0785	Religious Studies	3
	5	0796	Information and Communication Technology *	3
	6	7030	Commerce and Finance	3
	7	7055	Entrepreneurship	2

	8	7075	Philosophy	3
	9	7105	Professional English (Language and Organisational Communication)	3
	10	7110	Law	3

\* Subjects with Practicals

\*\* Subjects with Practicals and Internship Inclusive

## C. Subject Paper Weightings

### a) Intermediate Level

Subjects with Three Papers (Paper 3 being Practicals)		Subjects with Two Papers	
Paper	Weighting	Paper	Weighting
Paper 1	25%	Paper 1	40%
Paper 2	35%	Paper 2	60%
Paper 3	40%		

### b) Advanced Level

Subjects with Three Papers (Paper 3 being Practicals)		Subjects with Two Papers	
Paper	Weighting	Paper	Weighting
Paper 1	25%	Paper 1	40%
Paper 2	35%	Paper 2	60%
Paper 3	40%		

**NB:**

- Internship mark shall constitute 10% of the mark of the Practical Paper for the Subject that applies.

## D. Registration for Technical and Vocational Education Examinations.

- a) Registration fees shall take the form that obtains in the GCE Ordinary and Advanced level respectively as outline below.

Examination	Fee	Amount
Intermediate Level	<i>Registration Fee</i>	8,000 F
	<i>Subject Fee</i>	1,000 F
	<i>Subject Practical Fee</i>	5,000 F
Advanced Level	<i>Registration Fee</i>	9,000 F
	<i>Subject Fee</i>	2,000 F
	<i>Subject Practical Fee</i>	5,000 F

**NB:** Practical fee is paid per Practical Subject.

## **E. Entry Requirements**

- a) Candidates who want to register for the Technical and Vocational Education Examinations at the Intermediate Level must show proof of Promotion to Form Five from a Class Council decision.
- b) Candidates who want to register for the Technical and Vocational Education Examinations at Advanced Level should:
  - Be holder of CAP, BEPC, and GCE O-Level or its equivalence. In addition to these requirements, the candidate must show proof of promotion to Upper Sixth (from a Class Council decision).
  - Have passed the Probatoire Technique or Probatoire de Brevet de Technicien Examination.

## **F. Timeframe on the Implementation of this Structure.**

The proposed Examination Structures herein presented will run from the June 2020 Examination Session and can be subjected to modifications if need be as the comprehensive syllabus is still to be elaborated by the Board.

***DANG AKUH Dominic***

**REGISTRAR**