

# 2022 MAY/JUNE NATIONAL BUSINESS CERTIFICATE (NBC)/ NATIONAL TECHNICAL CERTIFICATE (NTC) EXAMINATIONS STRUCTURE (SUBJECTS COMBINATION PER TRADE)

#### ENGINEERING TRADES (NTC)

	RING TRADES (NTC)								
TRADE	TRADE TITLE	CODE	GENERAL EDUCATION	SUBJECT	TRADE RELATED SUBJECTS	SUBJECT	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
CODE			SUBJECTS	CODE		CODE			
010	Agricultural Equipment	001	English Language	191	General Metal Work	011	Introduction to Agricultural	003	Economics
	and Implement Mechanic	002	Mathematics				Science, Implements & Machines	006	Biology
	Works	004	Physics					007	Literature-in-English
		005	Chemistry			012	Tractor System	008	Information & Communications Technology (ICT)
				193	Building/Engineering Drawing			009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science
020	Motor Vehicle Mechanics	001	English Language	191	General Metal Work	021	Motor Vehicle Mechanics Works	003	Economics
	Works	002	Mathematics					006	Biology
	***************************************	004	Physics	193	Building/Engineering Drawing			007	Literature-in-English
		005	Chemistry	1,50	Dunamy Engineering Drawing			008	Information & Communications Technology (ICT)
		005	Chemistry					009	Civic Education
								195	Agricultural Science
								196	Geography
								190	Christian Religious Studies
								197	Islamic Studies
								198	
						1			Government Further Methematics
								451	Further Mathematics
								452	Animal Science
030	Automobile Electrical	001	English Language	191	General Metal Work	031	Automobile Electrical Works	003	Economics
	Works	002	Mathematics					006	Biology
		004	Physics	193	Building/Engineering Drawing			007	Literature-in-English
		005	Chemistry					008	Information & Communications Technology (ICT)
				194	Basic Electricity			009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science
040	Electrical Installation and	001	English Language	193	Building/Engineering Drawing	041	Electrical Installation and	003	Economics
	Maintenance Works	002	Mathematics			V.2	Maintenance Works	006	Biology
		004	Physics					007	Literature-in-English
		005	Chemistry	194	Basic Electricity			007	Information & Communications Technology (ICT)
		005	Chemistry	1,74	Dasic Licetricity			009	Civic Education
						1		195	Agricultural Science
								196 197	Geography
									Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
				ļ				452	Animal Science
050	Fabrication and Welding	001	English Language	191	General Metal Work	051	Fabrication and Welding	003	Economics
		002	Mathematics					006	Biology
		004	Physics	193	Building/Engineering Drawing			007	Literature-in-English
		005	Chemistry					008	Information & Communications Technology (ICT)
			-	194	Basic Electricity			009	Civic Education
					, i			195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
						1		199	Government
								451	Further Mathematics
								452	Animal Science
								434	Annua Science

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
06O	Mechanical Engineering Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	191 193 194	General Metal Work  Building/Engineering Drawing  Basic Electricity	061	Mechanical Engineering Craft Practice	003 006 007 008 009 195 196 197 198 199 451	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
070	Electronics Works	001 002 004 005	English Language Mathematics Physics Chemistry	193 194	Building/Engineering Drawing  Basic Electricity	071	Electronics Works	003 006 007 008 009 195 196 197 198 199 451	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
080	Refrigeration and Air- Conditioning Works	001 002 004 005	English Language Mathematics Physics Chemistry	191 193 194	General Metal Work  Building/Engineering Drawing  Basic Electricity	081	Refrigeration and Air-Conditioning Works	003 006 007 008 009 195 196 197 198 199 451	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Islamic Studies Further Mathematics Animal Science
090	Vehicle Body Building	001 002 004 005	English Language Mathematics Physics Chemistry	191 193	General Metal Work  Building/Engineering Drawing	091	Vehicle Body Building	003 006 007 008 009 195 196 197 198 199 451	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
100	Light Vehicle Repair Works	001 002 004 005	English Language Mathematics Physics Chemistry	191	General Metal Work Building/Engineering Drawing	101	Light Vehicle Body Repair Works	003 006 007 008 009 195 196 197 198 199 451	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Islamic Studies Further Mathematics Animal Science
110	Instrument Mechanics Works	001 002 004 005	English Language Mathematics Physics Chemistry	191 193 194	General Metal Work Building/Engineering Drawing Basic Electricity	111	Instrument Mechanics Works	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
120	Appliance Maintenance and Repairs	001 002 004 005	English Language Mathematics Physics Chemistry	191 193	General Metal Work  Building/Engineering Drawing	121	Appliance Maintenance And Repair (Electrical/Mechanical Appliances and Projectors Maintenance)	003 006 007 008 009	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education
				194	Basic Electricity	122	Domestic and Office Machines Maintenance	195 196 197 198 199 451	Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics
130	Foundry Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	191 192	General Metal Work General Wood Work	131	Foundry Craft Practice	452 003 006 007 008	Animal Science Economics Biology Literature-in-English Information & Communications Technology (ICT)
				193	Building /Engineering Drawing			009 195 196 197 198 199 451 452	Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
150	Marine Engineering Craft	001 002 004 005	English Language Mathematics Physics Chemistry	191 193	General Metal Work  Building/Engineering Drawing	151	Marine Engineering Craft	003 006 007 008 009	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education
				194	Basic Electricity			195 196 197 198 199 451 452	Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
160	Ship Building Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	191 192 193	General Metal Work General Wood Work Building/Engineering Drawing	161	Ship Building Craft Practice	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
170	Computer Craft Studies	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building/Engineering Drawing  Basic Electricity	171	Computer Craft Studies	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
180	Animal Husbandry	001 002 004 005	English Language Mathematics Physics Chemistry	192 006	General Wood Work Biology	181	Animal Husbandry	003 007 008 009 195 196 197 198 199 451	Economics Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
200	Fisheries	001 002 004 005	English Language Mathematics Physics Chemistry	193 006	Building/Engineering Drawing  Biology	201	Fisheries	003 007 008 009 195 196 197 198 199 451 452	Economics Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
400	Photographic Practice	001 002 004 005	English Language Mathematics Physics Chemistry	193 194	Building/Engineering Drawing  Basic Electricity	401	Photographic Practice	003 006 007 008 009 195 196 197 198 199 451	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Islamic Studies Further Mathematics Animal Science

## CONSTRUCTION TRADES (NTC)

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
210	Blocklaying/Bricklaying and Concreting	001 002	English Language Mathematics	193	Building/Engineering Drawing	211	Introduction to Building Construction	003 006	Economics Biology
	Concreting	004	Physics				Construction	007	Literature-in-English
		005	Chemistry			212	Blocklaying/Bricklaying and	008	Information & Communications Technology (ICT)
							Concreting	009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
220	G	001	P 21.7	102	C IW IW I	221	G t all	452	Animal Science
220	Carpentry and Joinery	001	English Language Mathematics	192	General Wood Work	221	Carpentry & Joinery	003 006	Economics
		002 004	Physics	193	Building/Engineering Drawing	211	Introduction to Building	006	Biology Literature-in-English
		005	Chemistry	193	Building/Engineering Drawing	211	Construction	007	Information & Communications Technology (ICT)
		005	Chemistry				Construction	009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science
230	Furniture making	001	English Language					003	Economics
		002	Mathematics	191	General Metal Work	231	Furniture Making	006	Biology
		004	Physics					007	Literature-in-English
		005	Chemistry	192	General Wood Work			008	Information & Communications Technology (ICT)
				400				009	Civic Education
				193	Building/Engineering Drawing	1		195	Agricultural Science
						1		196 197	Geography Christian Religious Studies
						1		197	Islamic Studies
						1		198 199	Government
						1		451	Further Mathematics
						1		451 452	Animal Science
			l	l			l	454	Ammai Science

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
240	Machine Wood Working	001 002 004	English Language Mathematics Physics	192	General Wood Work  Building/Engineering Drawing	241	Machine Wood Working	003 006 007	Economics Biology Literature-in-English
		005	Chemistry				Trucking Wood Working	008	Information & Communications Technology (ICT)
				194	Basic Electricity			009 195	Civic Education Agricultural Science
								195	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
250	Painting and Decorating	001	English Language	192	General Wood Work	251	Painting & Decorating	452 003	Animal Science Economics
250	Fainting and Decorating	001	Mathematics	192	General Wood Work	251	raining & Decorating	006	Biology
		004	Physics	193	Building/Engineering Drawing	211	Introduction to Building	007	Literature-in-English
		005	Chemistry				Construction	008	Information & Communications Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196 197	Geography
								197	Christian Religious Studies Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science
26O	Plumbing and Pipe-Fitting	001	English Language			261	Plumbing & Pipe Fitting	003	Economics
		002	Mathematics	191	General Metal Work			006	Biology
		004	Physics	193	Building/Engineering Drawing	211	Introduction to Building	007	Literature-in-English
		005	Chemistry				Construction	008 009	Information & Communications Technology (ICT) Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451 452	Further Mathematics Animal Science
270	Draughtmanship Craft	001	English Language	191	General metal Work	271	Draughtmanship	003	Economics
210	Practice Practice	001	Mathematics	171	General Metal Work	2/1	Draughtmansmp	006	Biology
	- Lucidet	004	Physics	192	General Wood Work	211	Introduction to Building	007	Literature-in-English
		005	Chemistry				Construction	008	Information & Communications Technology (ICT)
				193	Building/Engineering Drawing			009	Civic Education
								195	Agricultural Science
								196	Geography
								197 198	Christian Religious Studies Islamic Studies
								198	Government
								451	Further Mathematics
				1				452	Animal Science

#### MISCELLANEOUS TRADES (NTC)

	ANEOUS TRADES (NT	L)							
TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
310	Cosmetology	001 002 004 005	English Language Mathematics Physics Chemistry	194 006	Basic Electricity Biology	311	Cosmetology	003 007 008 009 195 196	Economics Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography
								197 198 199 451 452	Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
320	Men's Garment Making	001 002 004 005	English Language Mathematics Physics Chemistry	194 006	Basic Electricity Biology	321	Men's Garment Construction and Finishing	003 007 008 009 195 196 197 198 199	Economics Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics
330	Ladies Garment Making	001 002 004 005	English Language Mathematics Physics Chemistry	194 006	Basic Electricity Biology	331	Ladies Garment Construction and Finishing	452 003 007 008 009 195 196 197 198 199 451 452	Animal Science Economics Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
340	Catering Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	194 006	Basic Electricity Biology	341	Catering Craft Practice	003 007 008 009 195 196 197 198 199 451 452	Economics Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
350	Leather Trade	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building /Engineering Drawing	*351 *352 *353	Leather Tanning*  Leather Goods Manufacture*  Footwear Manufacture*	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
360	Printing Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	193 194	Building /Engineering Drawing  Basic Electricity	361	Printing Craft Practice	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
370	Textile Trade	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building /Engineering Drawing  Basic Electricity	*371 *372 *373 *374	Spinning* Weaving* Surface Design/Textile Printing* Bleaching, Dyeing and Finishing*	003 006 007 008 009 195 196 197 198 199	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics
380	Graphic Arts	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building /Engineering Drawing	381	Graphic Design	451 452 003 006 007 008 009 195 196 197 198 199 451	Animal Science  Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
390	Ceramics	001 002 004 005	English Language Mathematics Physics Chemistry	193 194	Building /Engineering Drawing  Basic Electricity	391	Ceramics & Design	003 006 007 008 009 195 196 197 198 199 451	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science

## BUSINESS STUDIES (NBC)

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
410	Secretarial Duties	001	English Language	421	Commerce	411	Typewriting, 35 WPM	006	Biology
		002	Mathematics					007	Literature-in-English
		003	Economics			412	Shorthand, 80 WPM	008	Information & Communications Technology (ICT)
								009	Civic Education
						413	Office Practice	195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science
420	Book-Keeping	001	English Language	421	Commerce	413	Office Practice	006	Biology
		002	Mathematics					007	Literature-in-English
		003	Economics			423	Financial Accounting	008	Information & Communications Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
430	Salesmanship	001	English Language	421	Commerce	423	Financial Accounting	006	Biology
	_	002	Mathematics					007	Literature-in-English
		003	Economics			431	Salesmanship	008	Information & Communications Technology (ICT)
							-	009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science
440	Tourism	001	English Language	421	Commerce	441	Tourism	006	Biology
		002	Mathematics	196	Geography			007	Literature-in-English
		003	Economics					008	Information & Communications Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science

## Note:

- For all Trades, except Trades 120 and 270, candidates are to enroll for a minimum of seven (7) and a maximum of nine (9) subjects.
- Candidates are allowed to take elective subjects to make up a minimum of seven (7) and a maximum of nine (9) subjects.
- Candidates offering Trades 120 and 270 are allowed to pick only one elective subject.
- \* Optional for their respective trades.