

2018 NOV/DEC NATIONAL BUSINESS CERTIFICATE (NBC)/ NATIONAL TECHNICAL CERTIFICATE (NTC) EXAMINATIONS EXAMINATION STRUCTURE SUBJECT COMBINATION PER TRADE BASED ON NBTE SYLLABUS

ENGINEERING TRADES (NTC)

TRADE	I		COMPULSORY GENERAL	SUBJECT	T	SUBJECT	I		
CODE	TRADE TITLE	CODE	EDUCATION SUBJECTS	CODE	TRADE RELATED SUBJECTS	CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
010	Agricultural Equipment and Implement Mechanic Works	001 002 004 005	English Language Mathematics Physics Chemistry	191	General Metal Work Building/Engineering Drawing	011	Introduction to Agricultural Science, Implements & Machines Tractor System	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
020	Motor Vehicle Mechanics Works	001 002 004 005	English Language Mathematics Physics Chemistry	191 193	General Metal Work Building/Engineering Drawing	021	Motor Vehicle 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 Islamic Studies Further Mathematics Animal Science
030	Automobile Electrical Works	001 002 004 005	English Language Mathematics Physics Chemistry	191 193 194	General Metal Work Building/Engineering Drawing Basic Electricity	031	Automobile Electrical 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
040	Electrical Installation and Maintenance Works	001 002 004 005	English Language Mathematics Physics Chemistry	193 194	Building/Engineering Drawing Basic Electricity	041	Electrical Installation and Maintenance 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
050	Fabrication and Welding	001 002 004 005	English Language Mathematics Physics Chemistry	191 193 194	General Metal Work Building/Engineering Drawing Basic Electricity	051	Fabrication and Welding	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	TRADE TITLE	CODE	COMPULSORY GENERAL	SUBJECT	TRADE RELATED SUBJECTS	SUBJECT	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
CODE			EDUCATION SUBJECTS	CODE		CODE			
0.00	Mechanical Engineering Craft	001 002	English Language	191	General Metal Work	061	Mechanical Engineering Craft	003	Economics
060	Practice	002 004	Mathematics Physics	193	Building/Engineering Drawing		Practice	006 007	Biology Literature-in-English
		005	Chemistry	194	Basic Electricity			008	Information & Communications Technology (ICT)
					·			009	Civic Education
								195 196	Agricultural Science Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451 452	Further Mathematics Animal Science
070	Electronics Works	001	English Language	193	Building/Engineering Drawing	071	Electronics Works	003	Economics
		002	Mathematics					006	Biology
		004 005	Physics Chemistry	194	Racia Electricity			007 008	Literature-in-English Information & Communications Technology (ICT)
		005	Chemistry	194	Basic Electricity			009	Civic Education
								195	Agricultural Science
								196	Geography
								197 198	Christian Religious Studies Islamic Studies
								199	Government
								451	Further Mathematics
080	Refrigeration and Air-	001	English Language	191	General Metal Work	081	Refrigeration and Air-Conditioning	452 003	Animal Science Economics
UOU	Conditioning Works	001	Mathematics	191	General Metal Work	001	Works	003	Economics Biology
	3	004	Physics	193	Building/Engineering Drawing			007	Literature-in-English
		005	Chemistry	404				008	Information & Communications Technology (ICT)
				194	Basic Electricity			009 195	Civic Education Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198 199	Islamic Studies
								451	Government Further Mathematics
								452	Animal Science
090	Vehicle Body Building	001	English Language	191	General Metal Work	091	Vehicle Body Building	003	Economics
		002 004	Mathematics Physics					006 007	Biology Literature-in-English
		005	Chemistry	193	Building/Engineering Drawing			008	Information & Communications Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196 197	Geography Christian Religious Studies
								198	Islamic Studies
								199	Government
								451 452	Further Mathematics Animal Science
100	Light Vehicle	001	English Language	191	General Metal Work			003	Economics Economics
		002	Mathematics			101	Light Vehicle Body Repair Works	006	Biology
	Repair Works	004 005	Physics Chamistry	193	Building/Engineering Drawing			007	Literature-in-English
		005	Chemistry					008 009	Information & Communications Technology (ICT) Civic Education
								195	Agricultural Science
								196	Geography
								197 198	Christian Religious Studies Islamic Studies
								198	Government
								451	Further Mathematics
440		003		101	G IM IW I	1		452	Animal Science
110	Instrument Mechanics Works	001 002	English Language Mathematics	191	General Metal Work Ruilding/Engineering Drawing	111	Instrument Mechanics Works	003 006	Economics Biology
		002	Mathematics Physics	193	Building/Engineering Drawing		instrument vicendines works	007	Literature-in-English
		005	Chemistry					008	Information & Communications Technology (ICT)
				194	Basic Electricity			009	Civic Education
								195 196	Agricultural Science Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government Further Mathematics
								451 452	Further Mathematics Animal Science
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TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
120	Appliance Maintenance and Repairs	001 002 004 005	English Language Mathematics Physics Chemistry	191 193 194	General Metal Work Building/Engineering Drawing Basic Electricity	121 122	Appliance Maintenance And Repair (Electrical/Mechanical Appliances and Projectors Maintenance Domestic and Office Machines Maintenance)	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
130	Foundry Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	191 192 193	General Metal Work General Wood Work Building /Engineering Drawing	131	Foundry 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
150	Marine Engineering Craft	001 002 004 005	English Language Mathematics Physics Chemistry	191 193 194	General Metal Work Building/Engineering Drawing Basic Electricity	151	Marine Engineering Craft	932 903 906 907 908 909 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
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	932 003 006 007 008 009 195 196 197 198 199 451 452	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
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	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	193	Building/Engineering Drawing	181 006	Animal Husbandry Biology	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

TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
200	Fisheries	001	English Language	193	Building/Engineering Drawing	201	Fisheries	003	Economics
		002	Mathematics					007 008	Literature-in-English
		004	Physics					008	Information & Communications Technology (ICT) Civic Education
		005	Chemistry			006	Biology	195	Agricultural Science
		005	Chemistry			000	Diology	196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199 451	Government Further Mathematics
								451 452	Animal Science
400	Photographic Practice	001	English Language	193	Building/Engineering Drawing	401	Photographic Practice	003	Economics
400	1 notograpme 1 ractice			193	Dunuing/Engineering Drawing	401	I notographic I ractice	006	Biology
		002	Mathematics	404				007	Literature-in-English
		004	Physics	194	Basic Electricity			008	Information & Communications Technology (ICT)
		005	Chemistry					009	Civic Education
								195 196	Agricultural Science Geography
								197	Christian Religious Studies
								198	Islamic Studies
								199	Government
1								451	Further Mathematics
								452	Animal Science

CONSTRUCTION TRADES (NTC)

TRADE			COMPULSORY GENERAL	SUBJECT		SUBJECT	TRADE GROUP	T	
CODE	TRADE TITLE	CODE	EDUCATION SUBJECTS	CODE	TRADE RELATED SUBJECTS	CODE	COURSES	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
		004 005	Physics Chemistry			212	Blocklaying/Bricklaying	007 008	Literature-in-English Information & Communications Technology (ICT)
		002	Cicinstry				Concreting	009	Civic Education
								195 196	Agricultural Science Geography
								197 198	Christian Religious Studies Islamic Studies
								199	Government
								451 452	Further Mathematics Animal Science
220	Carpentry and Joinery	001 002	English Language Mathematics	192	General Wood Work	221	Carpentry & Joinery	003 006	Economics 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
								195 196	Agricultural Science Geography
								197	Christian Religious Studies
								198 199	Islamic Studies Government
								451 452	Further Mathematics Animal Science
230	Furniture making	001	English Language					003	Economics
		002 004	Mathematics Physics	191	General Metal Work	231	Furniture Making	006 007	Biology Literature-in-English
		005	Chemistry	192	General Wood Work			008 009	Information & Communications Technology (ICT) Civic Education
				193	Building/Engineering Drawing			195	Agricultural Science
								196 197	Geography Christian Religious Studies
								198 199	Islamic Studies Government
								451	Further Mathematics
240	Machine Wood Working	001	English Language	192	General Wood Work			452 003	Animal Science Economics
	_	002 004	Mathematics Physics	193	Building/Engineering Drawing	241	Machine Wood Working	006 007	Biology Literature-in-English
		005	Chemistry			241	Wathine Wood Working	008	Information & Communications Technology (ICT)
				194	Basic Electricity			009 195	Civic Education Agricultural Science
								196 197	Geography Christian Religious Studies
								198	Islamic Studies
								199 451	Government Further Mathematics
250	Deletie e en I Decembre	001	Earlish Laurence	102	Conseq Wood Work	251	Delegies & December	452	Animal Science
250	Painting and Decorating	001 002	English Language Mathematics	192	General Wood Work	251	Painting & Decorating	003 006	Economics Biology
		004 005	Physics Chemistry	193	Building/Engineering Drawing	211	Introduction to Building Construction	007 008	Literature-in-English Information & Communications Technology (ICT)
								009	Civic Education Agricultural Science
								195 196	Geography
								197 198	Christian Religious Studies Islamic Studies
								199	Government
		<u> </u>						451 452	Further Mathematics Animal Science
260	Plumbing and Pipe-Fitting	001 002	English Language Mathematics	191	General Metal Work	261	Plumbing & Pipe Fitting	003 006	Economics 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
								195 196	Agricultural Science Geography
								197	Christian Religious Studies
								198 199	Islamic Studies Government
								451 452	Further Mathematics Animal Science
L		1		ı	1	ı		452	Annual Science

TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
270	Draughtmanship Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	191 192 193	General metal Work General Wood Work Building/Engineering Drawing	271 211	Draughtmanship Introduction to Building Construction	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

MISCELLANEOUS TRADES (NTC)

TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
310	Cosmetology	001 002 004 005	English Language Mathematics Physics Chemistry	194	Basic Electricity	311 006	Cosmetology Biology	003 007 008 009	Economics Literature-in-English Information & Communications Technology (ICT) Civic Education
								195 196 197 198 199 451 452	Agricultural Science Geography 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	Basic Electricity	321 006	Men's Garment Construction and Finishing Biology	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 Animal Science
330	Ladies Garment Making	001 002 004 005	English Language Mathematics Physics Chemistry	194	Basic Electricity	331	Ladies Garment Construction and Finishing Biology	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 Animal Science
340	Catering Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	194	Basic Electricity	341 006	Catering Craft Practice Biology	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 Animal Science
350	Leather Trades	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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science

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TRADE	TRADE TITLE	CODE	COMPULSORY GENERAL	SUBJECT	TRADE RELATED SUBJECTS	SUBJECT	TRADE GROUP	CODE	ELECTIVE SUBJECTS
CODE			EDUCATION SUBJECTS	CODE		CODE	COURSES		
360	Printing Craft Practice	001	English Language	193	Building /Engineering Drawing	361	Printing Craft Practice	003	Economics
		002	Mathematics					006	Biology
		004	Physics	194	Basic Electricity			007	Literature-in-English
		005	Chemistry					008	Information & Communications Technology (ICT)
		002	Chemistry					009	Civic Education
								195 196	Agricultural Science
								196	Geography Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science
370	Textile Trades	001	English Language			*371	Spinning*	003	Economics
		002	Mathematics			*372	Weaving*	006	Biology
		002	Physics	193	Building /Engineering Drawing	312	· · · cu · ing	007	Literature-in-English
		004		173	bunding /Engineering Drawing	*373	Sunface Design/Toy/1-	008	Information & Communications Technology (ICT)
		005	Chemistry			*3/3	Surface Design/Textile	009	Civic Education
							Printing*	195	Agricultural Science
				194	Basic Electricity	*374	Bleaching, Dyeing and	196	Geography
							Finishing*	197	Christian Religious Studies
								198	Islamic Studies
								199	Government
								451 452	Further Mathematics
200	G 11 4 4	004	7. 11.7	402	D 1111 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	201	G 11 D 1		Animal Science
380	Graphic Arts	001	English Language	193	Building /Engineering Drawing	381	Graphic Design	003 006	Economics Biology
		002	Mathematics					007	Literature-in-English
		004	Physics					007	Information & Communications Technology (ICT)
		005	Chemistry					009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
		1		ĺ				198	Islamic Studies
		1		ĺ				199	Government
		1		ĺ				451	Further Mathematics
		1		ļ				452	Animal Science
390	Ceramics	001	English Language	193	Building /Engineering Drawing			003	Economics
		002	Mathematics	ĺ				006	Biology
		004	Physics	194	Basic Electricity	391	Ceramics & Design	007	Literature-in-English Information & Communications Technology (ICT)
		005	Chemistry	ĺ	,			008 009	Civic Education
		1	,	ĺ				195	Agricultural Science
		1		ĺ				195	Geography
		1		ĺ				197	Christian Religious Studies
		1		ĺ				198	Islamic Studies
		1		ĺ				199	Government
		1		ĺ				451	Further Mathematics
		1		ĺ				452	Animal Science
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BUSINESS STUDIES (NBC)

TRADE	TRADE TITLE	CODE	COMPULSORY GENERAL	SUBJECT	TRADE RELATED SUBJECTS	SUBJECT	TRADE GROUP	CODE	ELECTIVE SUBJECTS
CODE			EDUCATION SUBJECTS	CODE		CODE	COURSES		
410	Secretarial Duties	001	English Language	421	Commerce	411	Typewriting, 35 WPM	003	Economics
		002	Mathematics					006	Biology
		003	Economics			412	Shorthand, 80 WPM	007	Literature-in-English
								008	Information & Communications Technology (ICT)
						413	Office Practice	009	Civic Education
								195	Agricultural Science
								196 197	Geography Christian Religious Studies
								197	Islamic Studies
								198	Government
								451	Further Mathematics
								452	Animal Science
420	Book-Keeping	001	English Language	421	Commerce	413	Office Practice	003	Economics
420	Dook-Keeping	001	Mathematics		Commerce	120	omee Thence	006	Biology
						423	Financial Accounting	007	Literature-in-English
		003	Economics					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
430	Salesmanship	001	English Language	421	Commerce	423	Financial Accounting	003	Economics
		002	Mathematics					006	Biology
		003	Economics			431	Salesmanship	007	Literature-in-English
								008	Information & Communications Technology (ICT)
								009	Civic Education
								195 196	Agricultural Science
								197	Geography Christian Religious Studies
								198	Islamic Studies
								199	Government
								451	Further Mathematics
								452	Animal Science
440	Tourism	001	English Language	421	Commerce	441	Tourism	003	Economics
1.0		002	Mathematics			196	Geography	006	Biology
		002	Economics				0	007	Literature-in-English
		003	Economics					008	Information & Communications Technology (ICT)
1		1						009	Civic Education
1		1						195	Agricultural Science
1		1						196	Geography
1		1						197	Christian Religious Studies
1		1						198	Islamic Studies
		1						199	Government
		1						451	Further Mathematics
	1	1	1	1		1		452	Animal Science

GENERAL EDUCATION

TRADE CODE	SUBJECT CODE	SUBJECT NAMES
450	001	English Language
	002	Mathematics
	003	Economics
	004	Physics
	005	Chemistry
	006	Biology
	007	Literature in English
	008	Information & Communications Technology (ICT)
	009	Civic Education
	191	General Metal Work
	192	General Wood Work
	193	Building Engineering Drawing
	194	Basic Electricity
	195	Agricultural Science
	196	Geography
	197	Christian Religious Studies
	198	Islamic Studies
	199	Government
	421	Commerce
	451	Further Mathematics
	452	Animal Science

Note:

- For all Trades, except Trades 120 and 270, candidates are to enrol 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 9 subjects.
- For General Education Code (450), candidates are allowed to enrol for a minimum of Seven (7) subjects 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.