



EA 25A

2017 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 CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
010	Agricultural	001	English Language	191	General Metal Work	011	Introduction to	003	Economics
	Equipment and	002	Mathematics				Agricultural Science,	006	Biology
	Implement Mechanic	004	Physics				Implements & Machines	007	Literature-in-English
	Works	005	Chemistry				1	008	Information & Communications
			, and	193	Building/Engineering Drawing	012	Tractor System	009	Technology (ICT) Civic Education
				170	Duntaing/Engineering Drawing	012	Tractor System	009 195	Agricultural Science
								195	Geography
								197	Christian Religious Studies
								198	Islamic Studies
020	Motor Vehicle	001	English Language	191	General Metal Work	021	Motor Vehicle Mechanics	003	Economics
020	Mechanics Works	001	Mathematics	171	General Wetai Work	021	Works	006	Biology
	Wiedianics Works	002	Physics	193	Building/Engineering Drawing		WOLKS	007	Literature-in-English
		004	·	193	building/Engineering Drawing			008	Information & Communications
		005	Chemistry						Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
030	Automobile Electrical	001	English Language	191	General Metal Work	031	Automobile Electrical	003	Economics
	Works	002	Mathematics				Works	006	Biology
		004	Physics	193	Building/Engineering Drawing			007	Literature-in-English
		005	Chemistry					008	Information & Communications
			ľ	194	Basic Electricity			009	Technology (ICT) Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
040	Electrical Installation	001	English Language	193	Building/Engineering Drawing	041	Electrical Installation	003	Economics
0.0	and Maintenance	002	Mathematics	170	Duntaing/Engineering Drawing	0.11	and Maintenance Works	006	Biology
	Works	002	Physics				and Maintenance Works	007	Literature-in-English
	WOLKS	004	Chemistry	194	Basic Electricity			008	Information & Communications
		005	Chemistry	194	Basic Electricity				Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
050	Fabrication and	001	English Language	191	General Metal Work	051	Fabrication and Welding	003	Economics
	Welding	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

TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
060	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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
090	Vehicle Body Building	001 002 004 005	English Language Mathematics Physics Chemistry	191	General Metal Work Building/Engineering Drawing	091	Vehicle Body Building	003 006 007 008 009 195 196 197 198	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
100	Light Vehicle Repair Works	001 002 004 005	English Language Mathematics Physics Chemistry	191 193	General Metal Work Building/Engineering Drawing	101	Light Vehicle Body Repair Works	003 006 007 008 009 195 196 197 198	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies

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	Appliance Maintenance And Repair (Electrical/Mechanical Appliances and Projectors Maintenance Domestic and Office Machines Maintenance)	003 006 007 008 009 195 196 197	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	003 006 007 008 009 195 196 197	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
170	Computer Craft Studies	001 002 004 005	English Language Mathematics Physics Chemistry	193 194	Building/Engineering Drawing Basic Electricity	171	Computer Craft Studies	003 006 007 008 009 195 196 197	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies

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					006	Biology
		004	Physics					007	Literature-in-English
		005	Chemistry			006	Biology	008	Information & Communications
			,					000	Technology (ICT)
								009 195	Civic Education Agricultural Science
								195	Geography
								197	Christian Religious Studies
								198	Islamic Studies
400	Photographic Practice	001	English Language	193	Building/Engineering Drawing	401	Photographic Practice	003	Economics
	3 1	002	Mathematics					006	Biology
		004	Physics	194	Basic Electricity			007	Literature-in-English
		005	Chemistry		Daisie Bieeerreney			008	Information & Communications
		005	Chemistry						Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies

CONSTRUCTION TRADES (NTC)

TRADE	TRADE TITLE	CODE	COMPULSORY GENERAL	SUBJECT	TRADE RELATED SUBJECTS	SUBJECT	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
210	Blocklaying/Bricklaying and	001	EDUCATION SUBJECTS English Language	CODE 193	Building/Engineering Drawing	CODE 211	Introduction to Building	003	Economics Economics
	Concreting	002	Mathematics				Construction	006	Biology
		004	Physics			212	n	007	Literature-in-English
		005	Chemistry				Blocklaying/Bricklaying Concreting	008	Information & Communications Technology (ICT)
							Concreting	009	Civic Education
								195	Agricultural Science
								196 197	Geography Christian Religious Studies
								198	Islamic Studies
220	Carpentry and Joinery	001	English Language	192	General Wood Work	221	Carpentry & Joinery	003	Economics
		002	Mathematics	102				006	Biology
		004 005	Physics Chemistry	193	Building/Engineering Drawing	211	Introduction to Building Construction	007 008	Literature-in-English Information & Communications
		005	Chemistry				Construction	000	Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196 197	Geography Christian Religious Studies
								198	Islamic Studies
230	Furniture making	001	English Language	404		224		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	Information & Communications
									Technology (ICT)
				193	Building/Engineering Drawing			009 195	Civic Education Agricultural Science
								196	Geography
								197	Christian Religious Studies
240	NA 1 · XX 1 XX 1 ·	001	T. P. I.	102				198	Islamic Studies
240	Machine Wood Working	001 002	English Language Mathematics	192	General Wood Work			003 006	Economics Biology
		004	Physics	193	Building/Engineering Drawing	241	Machine Wood Working	007	Literature-in-English
		005	Chemistry	104	D . El			008	Information & Communications
				194	Basic Electricity			009	Technology (ICT) Civic Education
								195	Agricultural Science
								196	Geography
								197 198	Christian Religious Studies Islamic Studies
250	Painting and Decorating	001	English Language	192	General Wood Work	251	Painting & Decorating	003	Economics
		002	Mathematics					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 Christian Religious Studies
								198	Islamic Studies
260	Plumbing and Pipe-Fitting	001	English Language			261	Plumbing & Pipe Fitting	003	Economics
		002	Mathematics Physics	191 193	General Metal Work Building/Engineering Drawing	211	Introduction to Building	006 007	Biology Literature-in-English
		004 005	Physics Chemistry	193	Building/Engineering Drawing	211	Construction	007 008	Information & Communications
			,						Technology (ICT)
								009	Civic Education
						1		195 196	Agricultural Science Geography
								197	Christian Religious Studies
								198	Islamic Studies
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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
270	Draughtmanship Craft	001	English Language	191	General metal Work	271	Draughtmanship	003	Economics
	Practice	002	Mathematics	192	General Wood Work			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	Geography
								197	Christian Religious Studies
								198	Islamic Studies

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	003 006 007 008 009 195 196 197	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	003 006 007 008 009 195 196 197 198	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
330	Ladies Garment Making	001 002 004 005	English Language Mathematics Physics Chemistry	194	Basic Electricity	331 006	Ladies Garment Construction and Finishing Biology	003 006 007 008 009 195 196 197 198	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
340	Catering Craft Practice	001 002 004 005	English Language Mathematics Physics Chemistry	194	Basic Electricity	341	Catering Craft Practice Biology	003 006 007 008 009 195 196 197 198	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies

TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
370	Textile Trades	001 002 004 005	English Language Mathematics Physics Chemistry	193 194	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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
380	Graphic Arts	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building /Engineering Drawing	381	Graphic Design	003 006 007 008 009 195 196 197	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies
440	Tourism	001 002 004 005	English Language Mathematics Physics Chemistry	421	Commerce	441	Tourism	003 006 007 008 009 195 196 197	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies

BUSINESS STUDIES (NBC)

TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
410	Secretarial Duties	001	English Language	421	Commerce	411	Typewriting, 35 WPM	003	Economics
		002	Mathematics				31	006	Biology
		003	Economics			412	Shorthand, 80 WPM	007	Literature-in-English
		005	Leonomics			712	Shorthand, oo vvi vi	008	Information & Communications
						413	Office Practice		Technology (ICT)
						413	Office Fractice	009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
		0.01						198	Islamic Studies
420	Book-Keeping	001	English Language	421	Commerce	413	Office Practice	003	Economics
		002	Mathematics					006	Biology
		003	Economics			423	Financial Accounting	007 008	Literature-in-English Information & Communications
								000	Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies
430	Salesmanship	001	English Language	421	Commerce	423	Financial Accounting	003	Economics
	<i>вагезнан</i>	002	Mathematics				1 municium 11000 unioning	006	Biology
		003	Economics			431	Salesmanship	007	Literature-in-English
		003	Economics			431	Salesmansinp	008	Information & Communications
									Technology (ICT)
								009	Civic Education
								195	Agricultural Science
								196	Geography
								197	Christian Religious Studies
								198	Islamic Studies

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					
	421	Commerce					

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.