



**2019 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 Equipment and Implement Mechanic Works	001 002 004 005	English Language Mathematics Physics Chemistry	191	General Metal Work	011	Introduction to Agricultural Science, Implements & Machines	003 006 007 008 009	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education
				193	Building/Engineering Drawing	012	Tractor System	195 196 197 198 199 451 452	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	General Metal Work	021	Motor Vehicle Mechanics Works	003 006 007 008 009	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education
				193	Building/Engineering Drawing			195 196 197 198 199 451 452	Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
030	Automobile Electrical Works	001 002 004 005	English Language Mathematics Physics Chemistry	191	General Metal Work	031	Automobile Electrical Works	003 006 007 008 009	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education
				193	Building/Engineering Drawing			195 196 197 198 199 451 452	Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
				194	Basic Electricity				
040	Electrical Installation and Maintenance Works	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building/Engineering Drawing	041	Electrical Installation and Maintenance Works	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
050	Fabrication and Welding	001 002 004 005	English Language Mathematics Physics Chemistry	191	General Metal Work	051	Fabrication and Welding	003 006 007 008 009	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education
				193	Building/Engineering Drawing			195 196 197 198 199 451 452	Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
				194	Basic Electricity				

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	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
070	Electronics Works	001 002 004 005	English Language Mathematics Physics Chemistry	193  194	Building/Engineering Drawing  Basic Electricity	071	Electronics Works	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
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	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
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	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
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	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
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	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)	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
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	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
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	003 006 007 008 009 195 196 197 198 199 451 452	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	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	193 194	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	193 006	Building/Engineering Drawing 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	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	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	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science

### CONSTRUCTION TRADES (NTC)

TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
210	Blocklaying/Bricklaying and Concreting	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building/Engineering Drawing	211  212	Introduction to Building Construction  Blocklaying/Bricklaying Concreting	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
220	Carpentry and Joinery	001 002 004 005	English Language Mathematics Physics Chemistry	192  193	General Wood Work  Building/Engineering Drawing	221  211	Carpentry & Joinery  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
230	Furniture making	001 002 004 005	English Language Mathematics Physics Chemistry	191  192  193	General Metal Work  General Wood Work  Building/Engineering Drawing	231	Furniture Making	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
								197 198 199 451 452	Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science

TRADE CODE	TRADE TITLE	CODE	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
250	Painting and Decorating	001 002 004 005	English Language Mathematics Physics Chemistry	192 193	General Wood Work Building/Engineering Drawing	251 211	Painting & Decorating 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
260	Plumbing and Pipe-Fitting	001 002 004 005	English Language Mathematics Physics Chemistry	191 193	General Metal Work Building/Engineering Drawing	261 211	Plumbing & Pipe Fitting 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
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  006	Basic Electricity  Biology	311	Cosmetology	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
320	Men,s Garment Making	O01 O02 O04 O05	English Language Mathematics Physics Chemistry	194  006	Basic Electricity  Biology	321	Men’s Garment Construction and Finishin	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
330	Ladies Garment Making	001 002 004 005	English Language Mathematics Physics Chemistry	194  006	Basic Electricity  Biology	331	Ladies Garment Construction and Finishing	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
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 Trades	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building /Engineering Drawing	*351  *352  *353	Leather Tanning*  Leather Goods Manufacture* Footwear Manufacture*	003 006 007 008 009 195 196 197 198 199 451 452	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	COMPULSORY GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP COURSES	CODE	ELECTIVE SUBJECTS
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
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*	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
380	Graphic Arts	001 002 004 005	English Language Mathematics Physics Chemistry	193	Building /Engineering Drawing	381	Graphic Design	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
390	Ceramics	001 002 004 005	English Language Mathematics Physics Chemistry	193  194	Building /Engineering Drawing  Basic Electricity	391	Ceramics & Design	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science

**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	001 002 003	English Language Mathematics Economics	421	Commerce	411 412 413	Typewriting, 35 WPM Shorthand, 80 WPM Office Practice	006 007 008 009 195 196 197 198 199 451 452	Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
420	Book-Keeping	001 002 003	English Language Mathematics Economics	421	Commerce	413 423	Office Practice Financial Accounting	006 007 008 009 195 196 197 198 199 451 452	Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
430	Salesmanship	001 002 003	English Language Mathematics Economics	421	Commerce	423 431	Financial Accounting Salesmanship	006 007 008 009 195 196 197 198 199 451 452	Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
440	Tourism	001 002 003	English Language Mathematics Economics	421	Commerce	441 196	Tourism Geography	006 007 008 009 195 196 197 198 199 451 452	Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science



**GENERAL EDUCATION**

TRADE CODE	SUBJECT CODE	COMPULSORY SUBJECT	SUBJECT CODE	SUBJECT NAMES
450	O08	Information & Communications Technology (ICT)	001	English Language
			002	Mathematics
			003	Economics
			004	Physics
			005	Chemistry
			006	Biology
			007	Literature in English
			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 to register for a minimum of Seven (7) subjects and a maximum of Nine (9) subjects including Information and Communications Technology (ICT)**
- Candidates offering Trades 120 and 270 are allowed to pick only one elective subject.
- \* **Optional for their respective trades.**