



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

**ENGINEERING TRADES (NTC)**

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
				193	Building/Engineering Drawing	012	Tractor System	008 009 195 196 197 198 199 451 452	
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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
				193	Building/Engineering Drawing			008 009 195 196 197 198 199 451 452	
030	Automobile Electrical Works	001 002 004 005	English Language Mathematics Physics Chemistry	191	General Metal Work	031	Automobile Electrical Works	003 006 007	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
				193	Building/Engineering Drawing			008 009 195 196 197 198 199 451 452	
				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	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
				194	Basic Electricity			008 009 195 196 197 198 199 451 452	
050	Fabrication and Welding	001 002 004 005	English Language Mathematics Physics Chemistry	191	General Metal Work	051	Fabrication and Welding	003 006 007	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
				193	Building/Engineering Drawing			008 009 195 196 197 198 199 451 452	
				194	Basic Electricity				

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	003 006 007 008 009 195 196 197 198 199 451 452	Economics Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Geography Christian Religious Studies Islamic Studies Government Further Mathematics Animal Science
07O	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
08O	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
09O	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
10O	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
11O	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	191 193 194	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	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
20O	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
40O	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	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
21O	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 and 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
22O	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
23O	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

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	001 002 004 005	English Language Mathematics Physics Chemistry	192 193 194	General Wood Work Building/Engineering Drawing Basic Electricity	241	Machine Wood Working	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
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	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	003 007 008 009 195 196 197 198 199 451 452	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	001 002 004 005	English Language Mathematics Physics Chemistry	194 006	Basic Electricity Biology	321	Men's Garment Construction and Finishing	003 007 008 009 195 196 197 198 199 451 452	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 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  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	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	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

TRADE CODE	TRADE TITLE	CODE	GENERAL EDUCATION SUBJECTS	SUBJECT CODE	TRADE RELATED SUBJECTS	SUBJECT CODE	TRADE GROUP SUBJECTS	CODE	ELECTIVE SUBJECTS
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	421 196	Commerce Geography	441	Tourism	006 007 008 009 195 197 198 199 451 452	Biology Literature-in-English Information & Communications Technology (ICT) Civic Education Agricultural Science Christian Religious Studies Islamic Studies Government Further Mathematics 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.**