

FET Colleges NATIONAL CERTIFICATE (VOCATIONAL) NQF LEVELS 2, 3 and 4

MATRIX OF SUBJECTS IN EACH SUB-FIELD

Note: Optional subjects can also be chosen from any other sub-field

	Level 2	Level 3	Level 4		Level 2	Level 3	Level 4
Fundamentals	Compulsory ✓ English ✓ Afrikaans ✓ Life Orientation ✓ Mathematics ✓ Mathematical Literacy	Compulsory ✓ English ✓ Afrikaans ✓ Life Orientation ✓ Mathematics ✓ Mathematical Literacy	Compulsory ✓ English ✓ Afrikaans ✓ Life Orientation ✓ Mathematics ✓ Mathematical Literacy	8. Engineering and related design	Compulsory ✓ Engineering Fundamentals ✓ Engineering Technology ✓ Engineering Systems Optional ✓ Physical Science ✓ Fitting and Turning ✓ Automotive Repair and Maintenance Engineering Fabrication ✓ Welding Refrigeration Principles	Compulsory ✓ Engineering Practice and Maintenance ✓ Materials Technology ✓ Engineering Graphics and Design (CAD) Optional ✓ Physical Science ✓ Fitting and Turning ✓ Automotive Repair and Maintenance Engineering Fabrication – Boilermaking Engineering Fabrication – Sheet Metal Worker Welding Refrigeration Practice	Compulsory ✓ Engineering Processes ✓ Professional Engineering Practice ✓ Applied Engineering Technology Optional Physical Science or ✓ Fitting and Turning ✓ Automotive Repair and Maintenance Engineering Fabrication – Boilermaking Engineering Fabrication – Sheet Metal Worker Welding Refrigeration and Air Conditioning Processes
1. Management	Compulsory ✓ Management Practice ✓ Operations Management ✓ Financial Management Optional ✓ Entrepreneurship	Compulsory ✓ Management Practice ✓ Operations Management ✓ Financial Management Optional ✓ Project Management	Compulsory ✓ Management Practice ✓ Operations Management ✓ Financial Management Optional ✓ Project Management	9. Primary agriculture	Compulsory ✓ Soil Science ✓ Plant Production ✓ Animal Production Optional ✓ Agri-business	Compulsory ✓ Soil Science ✓ Plant Production ✓ Animal Production Optional ✓ Agri-business	Compulsory ✓ Farm Planning and Mechanisation ✓ Advanced Plant Production ✓ Animal Production Optional ✓ Agri-business
2. Marketing	Compulsory Marketing ✓ Advertising and Promotions ✓ Marketing Communication Consumer Behaviour Optional Consumer Behaviour or ✓ Contact Centre Operations	Compulsory Marketing Advertising and Promotions Marketing Communication Optional Consumer Behaviour or ✓ Contact Centre Operations	Compulsory Marketing Advertising and Promotions Marketing Communication Optional Consumer Behaviour or ✓ Contact Centre Operations	10. Hospitality	Compulsory ✓ Hospitality Generics ✓ Food Preparation ✓ Client Services and Human Relations Optional ✓ Hospitality Services	Compulsory ✓ Hospitality Generics ✓ Food Preparation ✓ Client Services and Human Relations Optional ✓ Hospitality Services	Compulsory ✓ Hospitality Generics ✓ Food Preparation ✓ Client Services and Human Relations Optional ✓ Hospitality Services
3. Information technology and computer science	Compulsory ✓ Introduction to Information Systems ✓ Electronics ✓ Introduction to Systems Development Optional ✓ Contact Centre Operations	Compulsory ✓ Systems Analysis and Design Computer Hardware and Software ✓ Principles of Computer Programming Optional ✓ Contact Centre Operations	Compulsory ✓ Systems Analysis and Design Data Communication and Networking ✓ Computer Programming Optional ✓ Contact Centre Operations	11. Tourism	Compulsory ✓ Science of Tourism ✓ Client Services and Human Relations ✓ Sustainable Tourism in SA Optional ✓ Tourism Operations	Compulsory ✓ Science of Tourism ✓ Client Services and Human Relations ✓ Sustainable Tourism in SA and Regional Travel Optional Tourism Operations	Compulsory ✓ Science of Tourism ✓ Client Services and Human Relations ✓ Sustainable Tourism in SA and International Travel Optional ✓ Tourism Operations
4. Finance, economics and accounting	Compulsory ✓ Applied Accounting ✓ Financial Management ✓ Economic Environment Optional ✓ New Venture Creation	Compulsory ✓ Applied Accounting ✓ Financial Management ✓ Economic Environment Optional ✓ New Venture Creation	Compulsory ✓ Applied Accounting ✓ Financial Management ✓ Economic Environment Optional ✓ New Venture Creation	12. Safety in society	Compulsory ✓ Introduction to Governance ✓ Introduction to Law ✓ Principles of Criminal Justice Optional ✓ Introduction to Policing Practices ✓ Criminology	Compulsory ✓ Governance ✓ Criminal law ✓ Criminal Justice Structures and Mandates Optional ✓ Theory of Policing Practices ✓ Criminology	Compulsory ✓ Governance ✓ Law Procedures and Evidence ✓ Criminal Justice Process Optional ✓ Applied Policing ✓ Criminology
5. Office administration	Compulsory ✓ Business Practice ✓ Office Practice ✓ Office Data Processing Optional ✓ Applied Accounting or ✓ 2nd Language or ✓ New Venture Creation	Compulsory ✓ Business Practice ✓ Office Practice ✓ Office Data Processing Optional ✓ Applied Accounting or ✓ 2nd Language or ✓ New Venture Creation	Compulsory ✓ Business Practice ✓ Office Practice ✓ Office Data Processing Optional ✓ Applied Accounting or ✓ 2nd Language or ✓ New Venture Creation ✓ Personal Assistance	13. Mechatronics	Compulsory ✓ Introduction to Computers ✓ Electrotechnology Manual Manufacturing Optional Mechatronic Systems	Compulsory Stored Programme Systems Electrotechnology Machine Manufacturing Optional Mechatronic Systems	Compulsory Stored Programme Systems Electrotechnology Computer-Integrated Manufacturing Optional Mechatronic Systems
6. Electrical infrastructure construction	Compulsory ✓ Electrical Principles and Practice ✓ Workshop Practice ✓ Electronic Control and Digital Electronics Optional Electrical Systems and Construction or ✓ Physical Science	Compulsory ✓ Electrical Principles and Practice ✓ Electrical Workmanship ✓ Electronic Control and Digital Electronics Optional Electrical Systems and Construction or ✓ Physical Science	Compulsory ✓ Electrical Principles and Practice ✓ Electrical Workmanship ✓ Electronic Control and Digital Electronics Optional Electrical Systems and Construction or ✓ Physical Science	14. Education and development	Compulsory ✓ Art and Science of Teaching ✓ Human and Social Development ✓ Learning Psychology ✓ Early Childhood Development	Compulsory ✓ Art and Science of Teaching ✓ Human and Social Development ✓ Learning Psychology ✓ Early Childhood Development	Compulsory Art and Science of Teaching Human and Social Development Learning Psychology Early Childhood Development
7. Civil engineering and construction	Compulsory ✓ Construction Planning ✓ Plant and Equipment ✓ Materials Optional ✓ Physical Science Carpentry and Roof Work Concrete Structures Masonry Roads Plumbing	Compulsory ✓ Construction Planning ✓ Plant and Equipment Materials Optional ✓ Physical Science or Carpentry and Roof Work Concrete Structures Masonry Roads Plumbing	Compulsory Construction Planning Construction Supervision Materials Optional Physical Science Carpentry and Roof Work Concrete Structures Masonry Roads Plumbing				

Subjects where Macmillan/Troupant have existing titles are marked in blue with tick mark