



GERT SIBANDE TVET COLLEGE

37 Rotterdam Road,
 Evander, 2280
 Tel : 017 632 2388
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 evander.cm@gcollege.edu.za

MODULE DESCRIPTIONS

TRADE

CURRICULUM CODE

TOTAL CREDITS

FITTER AND TURNER

652302000

548

SETA CODE	MODULE CODE	MODULE DESCRIPTION	NQF LEVEL	TYPE OF MODULE	CREDITS
MERSETA	652302000-KM-01	Basic engineering theory	3	Knowledge Modules	32
MERSETA	652302000-KM-02	Fitting Theory	4	Knowledge Modules	38
MERSETA	652302000-KM-03	Machining Theory	4	Knowledge Modules	36
MERSETA	652302000-PS-01	Fabricate simple components or work pieces using basic hand skills and hand tools	2	Practical Skills Modules	6
MERSETA	652302000-PS-02	Fabricate components or work pieces using power tools or machinery	3	Practical Skills Modules	6
MERSETA	652302000-PS-03	Disassemble, clean and inspect mechanical sub-assemblies	3	Practical Skills Modules	6
MERSETA	652302000-PS-04	Replace components and assemble mechanical sub-assemblies and machines	3	Practical Skills Modules	6
MERSETA	652302000-PS-05	Do fault finding on mechanical sub-assemblies and machines,	4	Practical Skills Modules	12
MERSETA	652302000-PS-06	Repair mechanical sub-assemblies and machines,	4	Practical Skills Modules	12
MERSETA	652302000-PS-07	Install and commission mechanical sub-assemblies and machines	4	Practical Skills Modules	12
MERSETA	652302000-PS-08	Overhaul mechanical sub-assemblies and machines,	4	Practical Skills Modules	20
MERSETA	652302000-PS-09	Produce simple components by setting up and attending to the operation an engineering machine	2	Practical Skills Modules	6
MERSETA	652302000-PS-10	Produce components of intermediate complexity by performing engineering machining operations	3	Practical Skills Modules	12
MERSETA	652302000-PS-11	Perform complex machining operations	4	Practical Skills Modules	24
MERSETA	652302000-WM-01	Fabrication processes in an engineering workshop	2	Work Experience Modules	20
MERSETA	652302000-WM-02	Routine mechanical component and machine maintenance processes	3	Work Experience Modules	40
MERSETA	652302000-WM-03	Maintenance planning and communication processes	3	Work Experience Modules	10
MERSETA	652302000-WM-04	Repair mechanical faults on mechanical sub-assemblies and machines	4	Work Experience Modules	60
MERSETA	652302000-WM-05	Overhauling processes in an engineering workshop	4	Work Experience Modules	60
MERSETA	652302000-WM-06	Structured planning and communication processes in the workplace	4	Work Experience Modules	60



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MERSETA	652302000-WM-07	Machining processes to design specifications of a range of work pieces from different materials	4	Work Experience Modules	60
MERSETA	652302000-WM-08	Engineering workshop control processes	4	Work Experience Modules	10