



Qualification Title	Occupational Code	Quality Assuring Body	Credits	Entry Requirements	NQF Level
Fitter and Turner	652302	QCTO	548	NQF Level 1 with Maths & Science	4

## Purpose

A Fitter and Turner fabricates metal parts, fits, assembles, maintains and repairs mechanical components, sub-assemblies and machines.

## Fitter & Turner Phase 1 Modular Training

Module Description	Module Code/s	Days
Induction	ID1 - ID6	1
Safety	SF1 - SF5	3
Materials	MA1 - MA3	2
Drawings & Sketches	DS1 - DS2, DS7 - DS10	3
Hand Tools	HT1 - HT4	5
Hand Skills	HS2 - HS10	30
Workshop Tools	WT1-WT3, WT17, WT20-WT22	10
Measuring Equipment	MF1-MF8	2
Centre Lathe Work	CL1 – CL13	30
Theoretical Training	TT1	3
Phase 1 Company Test		2
Total Training Time: 91 Days		

## Fitter & Turner Phase 2 Modular Training

Module Description	Module Code/s	Days
Arc Welding	AO1 - AO4	5
Gas Welding & Brazing	GW10 - GW13	5
Gas Cutting & Heating	GC1 - GC3	5
Marking Off	MT6 - MT9	4
Keys & Locking Devices	KL1 - KL7	4
Assemblies	AS3 - AS6, AS8	4
Bearings	BE1, BE2, BE5 - BE15	3
Milling Machine Work	MM1 - MM8, MM10 - MM18	30
Phase 2 Company Test		5
Total Training Time: 65 Days		



### Fitter & Turner Phase 3 Modular Training

Module Description	Module Code/s	Days
Drives	DR1 – DR11	4
Couplings	CP1, CP2, CP7	4
Lubrication	LU1 – LU4	2
Basic Lifting Techniques	BG2 – BG4	3
Brakes & Clutches	BC1 – BC5, BC7	3
Assemblies	AS1 – AS2	4
Installation of Machinery	IM3	5
Theoretical Training	TT2	3
Phase 3 Company Test		2
Total Training Time: 30 Days		

### Fitter & Turner Phase 3 Modular Training

Module Description	Module Code/s	Days
Pumps	PU1 - PU7	5
Hydraulics	HY1 - HY13	5
Pneumatics	PN1 - PN7, PN9 - PN10, PN12	5
Total Training Time: 15 Days		