

PROPOSED SCHEME OF WORK

Training Officer	Eddie Cody
Department	Phase 2, Core Mechanical
Carousel	Module CME6,27,28.29
Length Of Teaching Block	12 days

Day	Location	Module	Title	Lesson Plan
1	Classroom	CME 29 CME6	Introduction to the course Limits & Fits Surface Finish	LP1
2	Classroom	CME27	Imperial Measurement Refresher, Calculations (non calculator) Job Planning	LP2
3	Workshop 3 Machine-Shop	CME 29	Practical – Planning and manufacture of a Hexagonal shear bolt	LP3
4	Workshop 3 Machine-Shop	CME 29	Practical – Planning and manufacture of a Hexagonal shear bolt	LP4
5	Workshop 3 Machine-Shop	CME 29	Lecture -Milling Machine, Dividing Head& Rotary Table Practical – Hexagonal shear bolt (<i>milling the hexagon</i>)	LP5
6	Workshop 3 Machine-Shop	CME 29	Practical – Manufacturing a pipe section & preparing the weld Prep' to BS499	LP6
7	Workshop 3 Machine-Shop	CME 29	Practical – Machining a Shaft and Hub	LP7
8	Workshop 3 Machine-Shop	CME 29	Practical – Producing an Internal and External Keyway	LP8
9	Workshop 3 Machine-Shop	CME 29	Practical – Machining a Pipe flange & fitting a Taper-Loc bush	LP9
10	Workshop 3 Machine-Shop	CME 29	Practical Assignment – Surface finish	LP10
11	Workshop 3 Machine-Shop	CME 28	Practical – Maintaining / Repairing machine tools	LP11
12	Workshop 3 Machine-Shop	CME 29	Practical/Theory – Drill sharpening & End Test	LP12