**PROPOSED SCHEME OF WORK**

|  |  |
| --- | --- |
| **Training Officer** | Eddie Cody |
| **Department** | Phase 1, Mechanical |
| **Carousel** | Phase 1 ROA Module Mech3 - MA *(Manufacture & Assembly)* |
| **Length Of Teaching Block** | 12 days |

| **Day** | **Location** | **Module** | **Title** | **Lesson Plan** |
| --- | --- | --- | --- | --- |
| 1 | Workshop 3 - Classroom  Classroom  Classroom | MA-1  MA-2 | Lecture - Machine-Shop Safety  Lecture - Measurement units – Metric & Imperial  Lecture - Operation of Vernier Measuring Equipment *(Refresher)*  Lecture - Safe Operation of the Centre Lathe *(Refresher)* | [1](1_Measurement.doc) |
| 2 | Workshop 3  Machine-Shop | MA-4 | Lecture - Project Planning  Practical – Material Preparation | [2](2_plan.doc) |
| 3 | Workshop 3  Machine-Shop | MA-5 | Manufacture piece parts using hand & machine tools | [3](3_plan.doc) |
| 4 | Workshop 3  Machine-Shop | MA-5 | Manufacture piece parts using hand & machine tools | [4](4_.doc) |
| 5 | Classroom  Classroom  Workshop 3  Machine-Shop | MS-7  MS-9  MA-5 | Lecture /Practical - Safe Operation of the CNC Milling Machine  Operation of Digital Controls using the CNC Milling Machine  Manufacture piece parts using hand & machine tools | [5](5_CNC_Milling.doc) |
| 6 | Workshop 3  Machine-Shop | MA-5 | Manufacture piece parts using hand & machine tools | [6](6.doc) |
| 7 | Workshop 3  Machine-Shop | MA-5 | Manufacture piece parts using hand & machine tools | 7 |
| 8 | Workshop 3  Machine-Shop | MA-5 | Manufacture piece parts using hand & machine tools | 8 |
| 9 | Workshop 3  Machine-Shop | MA-5 | Manufacture piece parts using hand & machine tools | 9 |
| 10 | Workshop 3  Machine-Shop | MA-5 | Manufacture piece parts using hand & machine tools | 10 |
| 11 | Workshop 3  Machine-Shop | MA-5 | Assemble parts by using hand fitting skills | 11 |
| 12 | Workshop 3  Machine-Shop | MA-5 | Assemble parts by using hand fitting skills | 12 |