**SUMMARY OF UNITS OF COMPENTENCY**

**INDUSTRIAL AUTOMATION AND ROBOTICS LEVEL 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Unit of Learning**  **Code** | **Unit**  **Category** | **UNIT NAME** | **DURATION**  **(Hours)** | **CREDIT FACTOR** |
|  | **MODULE ONE** | | | |
| 0714 351 01A | CORE | Industrial Automation and Robotic Systems Operations | 250 | 25.0 |
| 0714 351 03A | CORE | Product Quality Maintenance | 140 | 14.0 |
|  | **SUB TOTAL** | | 390 | 39 |
|  | **MODULE TWO** | | | |
| 0714 351 02A | CORE | Industrial Automation and Robotic Systems Maintenance | 220 | 22.0 |
|  | **SUB TOTAL** | | 220 | 22 |
|  | **INDUSTRIAL ATTATCHMENT** | | 320 | 32.0 |
|  | **GRAND TOTAL** | | **930 HRS** | 93.0 |

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| --- | --- | --- | --- |
| **MODULE ONE** | | | |
| **UNIT CODE** | **UNIT NAME** | **ELEMENTS** | **DURATION (HOURS)** |
| 0714 351 01A | Industrial Automation and Robotic Systems Operation I | Operate computer devices | **30** |
| Apply digital electronic principles | **30** |
| Control industrial automation and robotic system | **80** |
| Monitor industrial automation and robotic system robotic system parameters | **90** |
| Set industrial automation and robotic system parameters | **70** |
|  | **TOTAL 300 HRS** |
| 0714 351 03A | Product Quality Maintenance I | Conduct product quality checks | **40** |
| Document production quality activities | **40** |
| Adjust industrial automation and robotics machinery settings | **150** |
|  |  |  | **TOTAL 230 HRS** |
| **MODULE TWO** | | | |
| 0714 351 02A | Industrial Automation and Robotic Systems Maintenance I | Apply workshop safety | **40** |
| Perform housekeeping | 30 |
| Carry out industrial automation and robotic system troubleshooting | 130 |
| Replace industrial automation and robotic system parts | 110 |
|  | **TOTAL 310 HRS** |