

Higher Nitec in Advanced Manufacturing

HF3MF

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3 month IA Duration

MF43007FPE

1. Apply Workplace Safety and Health (WSH) requirements for manufacturing processes
2. Interpret technical drawings
3. Create CAD related documents
4. Generate machining tool paths
5. Interpret CNC requirements
6. Select correct tools for manufacturing processes
7. Carry out CNC machining operations
8. Perform assembly processes
9. Perform quality inspection of machined parts
10. Perform preventive maintenance

HF3MF, HF2MF, HFXMF

Higher Nitec in Advanced Manufacturing

6 month IA Duration

MF53006FPE

MF53007FPE

1. Apply Workplace Safety and Health (WSH) requirements for manufacturing processes
2. Interpret technical drawings
3. Create CAD related documents
4. Generate machining tool paths
5. Interpret CNC requirements
6. Select correct tools for manufacturing processes
7. Carry out CNC machining operations
8. Perform assembly processes
9. Perform quality inspection of machined parts
10. Perform preventive maintenance
11. Perform forming operations
12. Perform additive manufacturing
13. Operate automated systems
14. Monitor overall equipment effectiveness