

## Higher Nitec in Mechatronics Engineering

HFM CZ, HFM CZ21

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6 month IA Duration

MC5014FPE

1. Assess and instil workplace safety and health practices.
2. Implement good workplace practices (e.g. housekeeping, engineering work).
3. Evaluate work process/product improvement.
4. Prepare/update/check/interpret/produce engineering drawings.
5. Perform/monitor installation of Electrical/Electronic equipment (e.g. motors, controller, etc.) and Mechanical equipment (e.g. pneumatic and mechanical components, etc.).
6. Program and commission Industrial Automation System (e.g. Robots, PLC, etc.).
7. Setup, service and maintain mechanical and automation machinery.
8. Perform maintenance and troubleshooting of equipment.
9. Perform work using hand tools or machinery.
10. Inspect quality assurance function by using measuring instrument.
11. Manage technical support/sales for customer.
12. Create technical reports, documentation and checklist.