

## Nitec in Mechatronics & Robotics

NFMCR

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6 month IA Duration

MC3016FPE

1. Perform and maintain workplace safety and health practices.
2. Perform good workplace practices (e.g. housekeeping, engineering work).
3. Perform work process/product improvement.
4. Prepare/update/check/interpret engineering drawings.
5. Perform 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. Service and maintain mechanical and automation machinery.
8. Perform maintenance and troubleshooting of equipment.
9. Perform work using hand tools or machinery.
10. Perform quality assurance function by using measuring instrument.
11. Provide technical support/sales to customer.
12. Prepare technical reports\*, documentation and checklist.