Higher Nitec in Electronics Engineering

HF3EC

Higher Nitec in Electronics Engineering

3 month IA Duration

EC43110FPE|EC49270E

1. Practice work safety and housekeeping.

2. Prepare materials / tools.

3. Perform quality check on materials / tools / devices / equipment.

4. Install/ interface/ configure/ maintain / troubleshoot devices/ systems/ process / equipment and peripherals.

5. Provide technical support/ sales.

6. Assist in marketing/ presentations/ seminars/ product launches/ exhibitions and demonstration.

7. Update report and documentation.

HF3ECAIA, HF2ECAIA, HFXECAIA

Higher Nitec in Electronics Engineering

Specialisation / Option: AI & Automation

6 month IA Duration

EC53307FPE|EC53308FPE

1. Practice work safety and housekeeping.

2. Prepare materials / tools.

3. Perform quality check on materials / tools / devices / equipment.

4. Install/ interface/ configure/ maintain / troubleshoot devices/ systems/ process / equipment and peripherals.

5. Fabricate prototype/ debug program / conduct functional test of devices/ systems/ process / equipment and peripherals.

6. Provide technical support/ sales.

7. Assist in marketing/ presentations/ seminars/ product launches/ exhibitions and demonstration.

8. Update report and documentation.

9. Assist in setting up / servicing electronics / AV / IoT/ autonomous / semiconductor systems.

10. Assist in data collection / preparation / visualization.

HF3ECAVS, HF2ECAVS, HFXECAVS

Higher Nitec in Electronics Engineering

Specialisation / Option: Audio Visual Systems

6 month IA Duration

EC53107FPE|EC53108FPE

1. Practice work safety and housekeeping.

2. Prepare materials / tools.

3. Perform quality check on materials / tools / devices / equipment.

4. Install/ interface/ configure/ maintain / troubleshoot devices/ systems/ process / equipment and peripherals.

5. Fabricate prototype/ debug program / conduct functional test of devices/ systems/ process / equipment and peripherals.

6. Provide technical support/ sales.

7. Assist in marketing/ presentations/ seminars/ product launches/ exhibitions and demonstration.

8. Update report and documentation.

9. Assist in setting up / servicing electronics / AV / IoT/ autonomous / semiconductor systems.

10. Assist in data collection / preparation / visualization.

HF3ECIOT, HF2ECIOT, HFXECIOT

Higher Nitec in Electronics Engineering

Specialisation / Option: IoT & Communications

6 month IA Duration

EC53207FPE|EC53208FPE

1. Practice work safety and housekeeping.

2. Prepare materials / tools.

3. Perform quality check on materials / tools / devices / equipment.

4. Install/ interface/ configure/ maintain / troubleshoot devices/ systems/ process / equipment and peripherals.

5. Fabricate prototype/ debug program / conduct functional test of devices/ systems/ process / equipment and peripherals.

6. Provide technical support/ sales.

7. Assist in marketing/ presentations/ seminars/ product launches/ exhibitions and demonstration.

8. Update report and documentation.

9. Assist in setting up / servicing electronics / AV / IoT/ autonomous / semiconductor systems.

10. Assist in data collection / preparation / visualization.

HF3ECUEC, HF2ECUEC, HFXECUEC

Higher Nitec in Electronics Engineering

Specialisation / Option: Microelectronics

6 month IA Duration

EC53407FPE|EC53408FPE

1. Practice work safety and housekeeping.

2. Prepare materials / tools.

3. Perform quality check on materials / tools / devices / equipment.

4. Install/ interface/ configure/ maintain / troubleshoot devices/ systems/ process / equipment and peripherals.

5. Fabricate prototype/ debug program / conduct functional test of devices/ systems/ process / equipment and peripherals.

6. Provide technical support/ sales.

7. Assist in marketing/ presentations/ seminars/ product launches/ exhibitions and demonstration.

8. Update report and documentation.

9. Assist in setting up / servicing electronics / AV / IoT/ autonomous / semiconductor systems.

10. Assist in data collection / preparation / visualization.