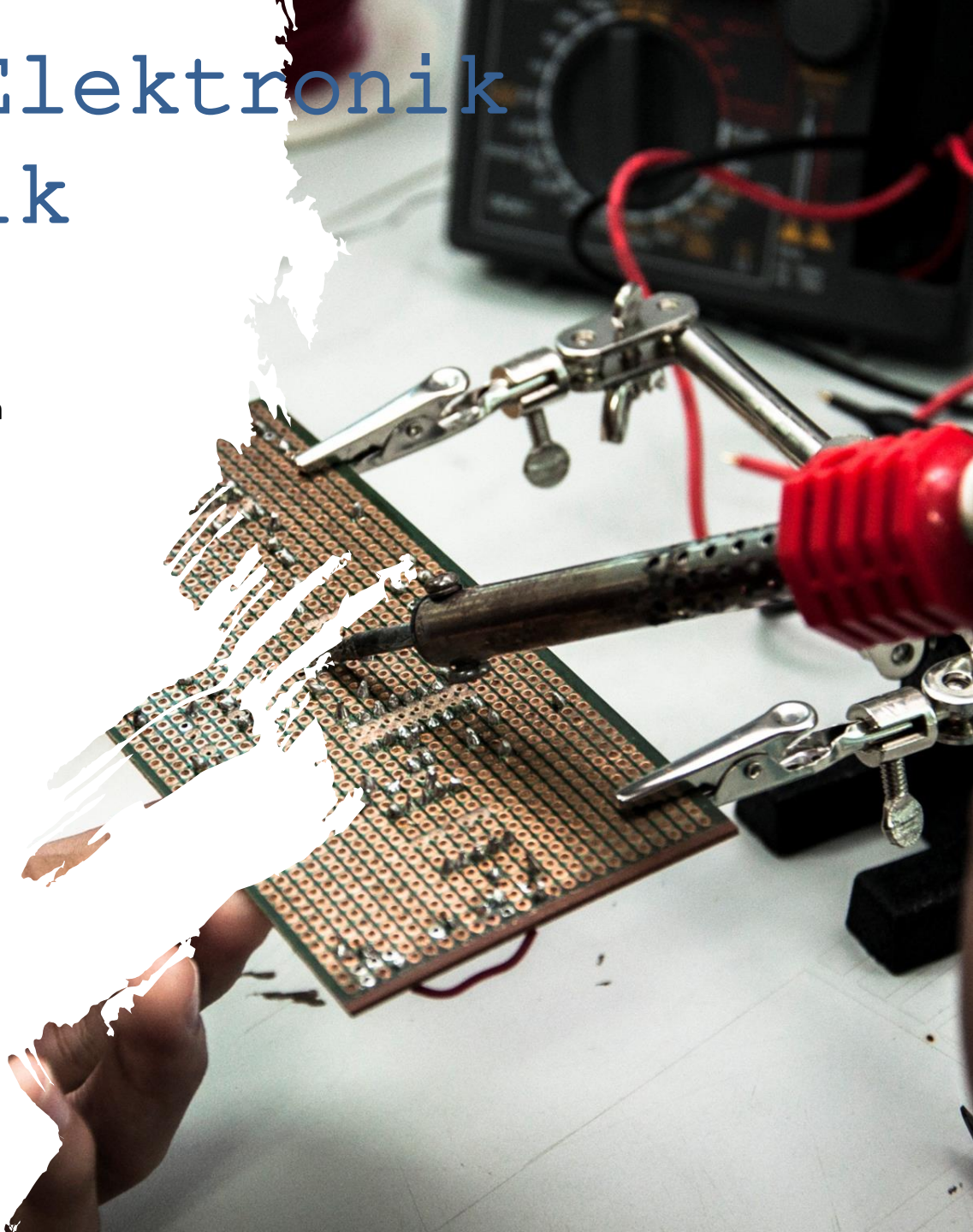


Teknologi Elektronik dan Elektrik

PENGENALAN


Kini era teknologi Industri 4.0, elektronik industri semakin banyak berkembang dan bertumbuh. Peningkatan kewujudan industri ini adalah bagi meningkatkan lagi sektor utama ekonomi negara dan sekaligus meningkatkan ekonomi masyarakat. Kewujudan industri-industri ini memerlukan banyak permintaan bekalan tenaga kerja yang kompeten dan berkemahiran dalam bidang elektronik industri.





Maklumat Program

Kod Program:
EE-021-2:2012

Nama Program:
**Pemasangan &
Troubleshooting
Peralatan Elektronik**
(Electronic Equipment &
Appliances Installation &
Troubleshooting)


 Tempoh Latihan:
12 Bulan

Tahap 2



 Syarat Kemasukan:
Lulus SPM
 Yuran Kursus: RM5950

Kod Program:
EE-021-3:2012

Nama Program:
**Troubleshooting,
Pembaikpulihan &
Penyelenggaraan
Peralatan Elektronik**
(Electronic Equipment
Troubleshooting Repair &
Maintenance)


 Tempoh Latihan:
12 Bulan

Tahap 3



 Syarat Kemasukan:
Lulus SKM Tahap 2
 Yuran Kursus: RM8300

Kod Program:
EE-021-4:2012

Nama Program:
**Pembangunan Produk
Elektronik**
(Electronic Product
Development)

 Tempoh Latihan:
15 Bulan (3 Bulan OJT)

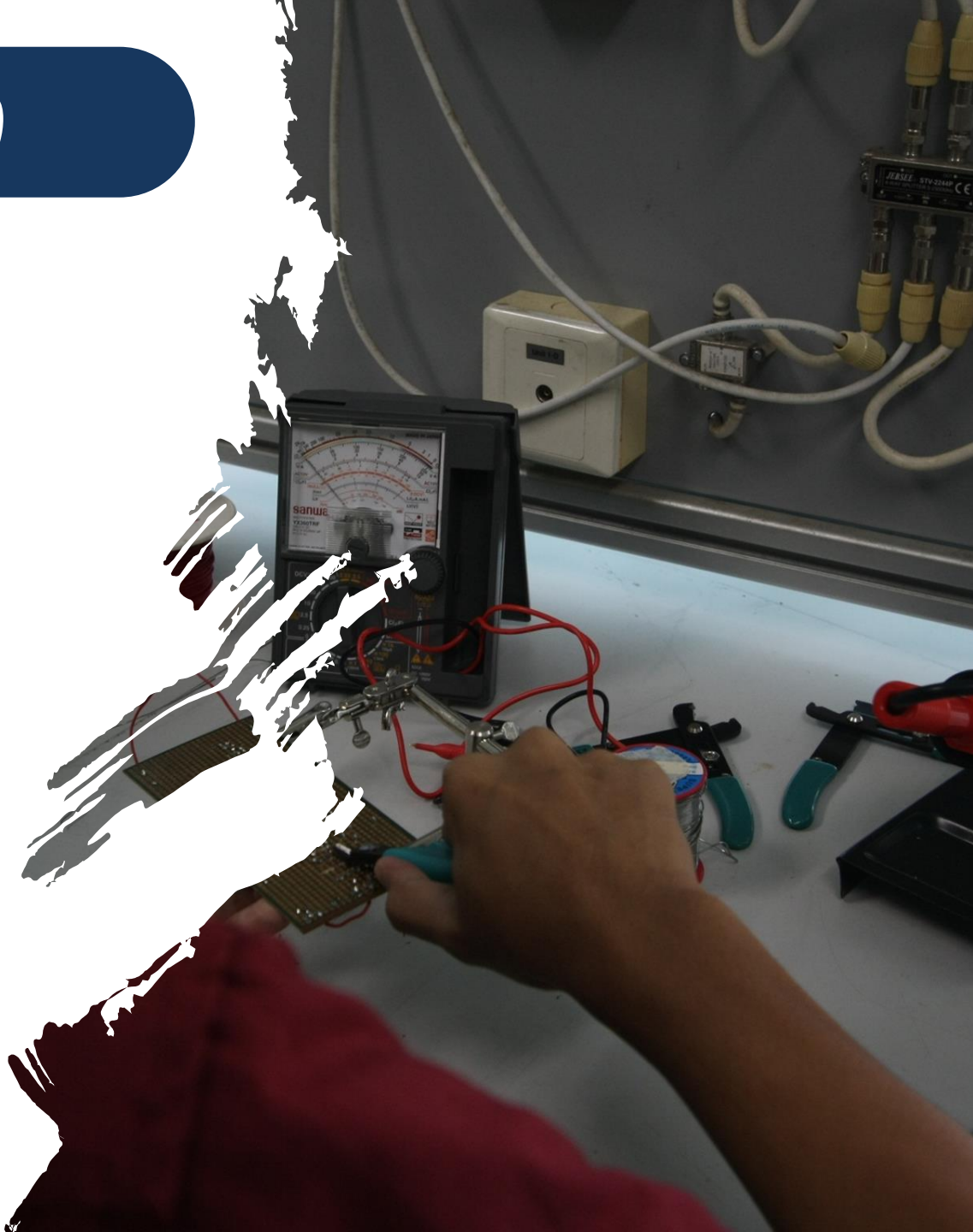
Tahap 4

 Syarat Kemasukan:
Lulus SKM Tahap 3
 Yuran Kursus: RM10000

Potensi Kerjaya

Di antara kerjaya yang bakal diceburi oleh pemegang Sijil SKM/ DKM dalam bidang Elektronik ini adalah:

- **Juruteknik Elektronik**
- **Penyelia Industri**
- **Penolong Jurutera Telekomunikasi/
Proses/ Pengeluaran/
Penyelenggaraan/ Rekabentuk/
Kawalan Kualiti**



Kandungan Latihan



EE-021-2:2012 Pemasangan & Troubleshooting Peralatan Elektronik – Tahap 2

Core Ability Tahap 1



Module 1: Basic Working
Communication

Module 2: Personal
Behaviour Skill

Module 3: Work Place Ethics
Awareness

Module 4: Safety Health and
Environment Awareness

Core Ability Tahap 2



Module 1:
Communication
Application

Module 2: Interpersonal
Behaviour

Module 3: Work Place
Culture Behaviour

Module 4: Health, Safety
and Environmental
Adaptation

Core Subject



CU1: Electronic Schematic
Drawing

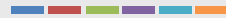
CU2:: Instrument & Test
Equipment Set Up &
Handling

CU3: Industrial Electronic
Equipment Installation

CU4: Instrument & Test
Equipment Troubleshooting

CU5: Industrial Electronic
Equipment Troubleshooting

Kandungan Latihan



EE-021-3:2012 Troubleshooting, Pembaikpulihan & Penyelenggaraan Peralatan Elektronik –
Tahap 3

Core Ability Tahap 3

Module 1: **Effective Communication**

Module 2: **Information Technology Awareness**

Module 3: **Leadership Skill**

Module 4: **Work Place Ethics**

Module 5: **Administrative Skill**

Module 6: **Health, Safety & Environmental Implementation Consciousness**

Core Subject

CU1: **Electronic Product Quality Control**

CU2: **Programmable Logic Controller (PLC) Configuration**

CU3: **Electronic Equipment Preventive Maintenance**

CU4: **Electronic Equipment Corrective Maintenance**

CU5: **Electronic Appliance Repair & Maintenance**

CU6: **Floor Supervision**

General Studies

Semester 1

English I

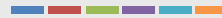
Mathematics

Semester 2

English II

Introduction to Quality

Kandungan Latihan



EE-021-4:2012 Pembangunan Produk Elektronik – Tahap 4

Core Ability Tahap 4

Module 1: Organisational Behaviour

Module 2: Health, Safety & Environment Monitoring

Module 3: Relationship Management Capability

Module 4: Etiquette Practices

Module 5: Strategic Thinking Skill

Module 6: Effective Communication Collaboration

Module 7: Change Management Awareness

Core Subject

CU1: Electronic Equipment Administration

CU2: Electronic Product & Technology Improvement

CU3: Electronic Product Quality Assurance

CU4: Microcontroller Configuration

EU1: PLC Programming

EU2: Computer Aided Design & Drafting

Final Year Project

General Studies

Semester 1

Pendidikan Islam/ Moral

Basic Science Engineering