Courses	Particulars
Institutes Offering	▪ College Community Alor Gajah ▪ College Community Grik ▪ College Community Sungai Siput ▪ College Community Pasir Salak ▪ College Community Kuala Langat ▪ College Community Mas Gading
Certificate in Business Accounting	Course Code: V13
Introduction	This course exposes students to business accounting and administration aspects. Modules include accounting and book-keeping, secretarial matters, administration matters, human resource and communication.
Institutes Offering	▪ College Community Ledang ▪ College Community Selandar ▪ College Community Bentong ▪ College Community Kuala Langat
Certificate in Creative Multimedia (Advertising)	Course Code: V14
Introduction	This course exposes the students to the concept of creative multimedia in advertising and imparts knowledge as well as skills regarding components that make up creative multimedia.
Institutes Offering	▪ College Community Jasin ▪ College Community Paya Besar
Diploma in Air-conditioning and Refrigeration	Course Code: V15
Introduction	This course exposes students in air-conditioning and refrigeration technology for domestic, commercial and industrial uses. Students will be trained in working and understanding the components of control equipments, piping troubleshooting and repairing by utilising electronic controls, wiring and electrical maintenance related to air-conditioning and refrigeration systsms.
Institutes Offering	▪ College Community Rompin ▪ College Community Hulu Langat
Certificate in Travel and Tourism	Course Code: V16
Introduction	This course exposes students with the knowedge and skills relevant to the tourism sector. Modules include basic knowledge in tourism industry, recreational aspects and communication skills.
Institutes Offering	▪ College Community Sungai Siput ▪ College Community Pasir Salak ▪ College Community Hulu Langat ▪ College Community Kuala Langat ▪ College Community Kuching
Certificate in Interior Design	Course Code: V17
Introduction	This course exposes the students to the concept of interior design and imparts knowledge as well as skills regarding components that make up interior design. The course curriculum emphasises on a few aspects of interior design technology.
Institutes Offering	▪ College Community Selayang

Courses	Particulars
Landscaping and Nursery Management	Course Code: V18
Introduction	This course exposes students with the knowledge and skills in managing and maintaining landscape and nurseries. Modules include basic knowledge on landscaping and nursery industry, landscaping trees and plants, and landscaping planning and designing (both manual and digital). Students are also trained in the management of landscape projects as well as starting nursery industry.
Institutes Offering	▪ College Community Selandar
Beautician	Course Code: V19
Introduction	This course exposes students with the skills involved in beautician service. Students will also be equipped with the knowledge and skills of starting and/or undertaking business projects such as opening of beauty saloons or beauty parlours.
Institutes Offering	▪ College Community Sungai Petani

Section C2.7 MARA Skill Institutes (MECD)

Enrolment Criteria:
- Applicants must be Bumiputera
- Aged 18 to 40 years only
- Pass the Sijil Peperiksaan Malaysia (SPM) or Sijil Peperiksaan Malaysia (Vocational) (SPVM)
- Obtain a pass in the Bahasa Malaysia
- Additional qualification stated in each course profile

Courses	Particulars	
Electric Engineering Technology (Domestic & Industry)	**Course Code: C 02**	
Introduction	▪ This course offers training based on theory and practical in the field of Electric Engineering Technology	
Course Duration	▪ 24 months (4 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics & Physics or Science ▪ Have clear vision	
Institutes Offering	▪ IKM Sungai Petani ▪ IKM Berseri ▪ IKM Besut ▪ IKM Kuala Lumpur ▪ IKM Lumut	▪ IKM Kuching ▪ IKM TSYA ▪ IKM Jasin ▪ IKM Johor Bahru
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Wiremen / Technician ▪ Further their education at tertiary level	
Electric Engineering Technology (Electrical Machine Maintenance)	**Course Code: C 04**	
Introduction	▪ This course offers training based on theory and practical in the field of Electric Engineering Technology (Electrical Machine Maintenance)	
Course Duration	▪ 36 months (6 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics and Physics or Science ▪ Have clear vision ▪ Only male applicants	
Institutes Offering	▪ IKM Johor Bahru ▪ IKM Kuala Lumpur ▪ IKM TSYA ▪ IKM Sungai Petani	▪ IKM Lumut ▪ IKM Jasin ▪ IKM Kota Kinabalu
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Wiremen / technician ▪ Further their education at tertiary level	
Mechanical Engineering Technology (Refrigerator & Air Conditioner)	**Course Code: C 05**	
Introduction	▪ This course offers training based on theory and practical in the field of Mechanical Engineering Technology (cooler & air conditioner)	
Course Duration	▪ 18 months (3 semesters)	

Courses	Particulars	
Additional Enrolment Criteria	▪ Pass in Mathematics and Physics or Science	
Institutes Offering	▪ IKM Johor Bahru ▪ IKM Kuala Lumpur ▪ IKM Besut	▪ IKM Beseri ▪ IKM Kota Kinabalu
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Wiremen / technician ▪ Further their education at tertiary level	
Electro Soldering Technology	Course Code: G 21	
Introduction	▪ This course offers training based on theory and practical in the field of Soldering Electro Technology	
Course Duration	▪ 18 months (3 semesters)	
Additional Enrolment Criteria	▪ Pass in Science or Chemistry	
Institutes Offering	▪ IKM Johor Bahru	
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Technician ▪ Further their education at tertiary level	
Automobile Engineering Technology	Course Code: A 02	
Introduction	▪ This course offers training based on theory and practical in the field of Automobile Engineering Technology	
Course Duration	18 months (3 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics ▪ Only male applicants	
Institutes Offering	▪ IKM Lumut ▪ IKM Kuching ▪ IKM TSYA	▪ IKM Beseri ▪ IKM Kota Kinabalu
Career Opportunities	With this qualification, they are eligible to apply for the position of: ▪ Mechanic ▪ Technician	
Marine Engineering Technology	Course Code: A 06	
Introduction	▪ This course offers training based on theory and practical in the field of Marine Engineering Technology	
Course Duration	18 months (3 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics or Science ▪ Only male applicants	
Institutes Offering	▪ IKM Johor Bahru ▪ IKM Beseri ▪ IKM Kuching	
Career Opportunities	With this qualification, they are eligible to apply for the position of: ▪ Mechanic ▪ Technician	

Courses	Particulars
Automotive Engineering Technology (Heavy Machinery)	**Course Code: A 08**
Introduction	▪ This course offers training based on theory and practical in the field of Electric Engineering Technology
Course Duration	▪ 18 months (3 semesters)
Additional Enrolment Criteria	▪ Pass in Mathematics or Science ▪ Only male applicants
Institutes Offering	▪ IKM Jasin
Career Opportunities	With this qualification, they are eligible to apply for the position of: ▪ Mechanic ▪ Technician
Automotive Engineering Technology (Commercial Vehicles)	**Course Code: A 09**
Introduction	▪ This course offers training based on theory and practical in the field of Electric Engineering Technology
Course Duration	▪ 18 months (3 semester)
Additional Enrolment Criteria	▪ Pass in Mathematics or Science ▪ Only male applicants
Institutes Offering	▪ IKM Jasin ▪ IKM TSYA
Career Opportunities	With this qualification, they are eligible to apply for the position of: ▪ Mechanic ▪ Technician
Vehicle Body Repair Technology	**Course Code: A 11**
Introduction	▪ This course offers training based on theory and practical in the field of Vehicle Body Repair Technology
Course Duration	▪ 18 months (3 semesters)
Additional Enrolment Criteria	▪ Pass in Mathematics or Science ▪ Have clear vision ▪ Only male applicants
Institutes Offering	▪ IKM Jasin ▪ IKM Kuching ▪ IKM Lumut ▪ IKM TSYA ▪ IKM Kota Kinabalu
Career Opportunities	With this qualification, they are eligible to apply for the position of: ▪ Mechanic-Repairing Body Vehicle, welder & painter ▪ Technician
Advertising & Graphic Design Engineering Technology	**Course Code: B 07**
Introduction	▪ This course offers training based on theory and practical in the field of Advertising & Graphic Design Engineering Technology
Course Duration	▪ 18 months (3 semesters)

Courses	Particulars
Additional Enrolment Criteria	▫ Pass in Art, Mathematics and Science
Institutes Offering	▫ IKM Sungai Petani
Career Opportunities	With this qualification, they are eligible to apply for the position of advertisement & graphic designer or be self-employed
Furniture Manufacturing & Design Technology	**Course Code: I 05**
Introduction	▫ This course offers training based on theory and practical in the field of Furniture Manufacturing & Design Technology
Course Duration	▫ 18 months (3 semesters)
Additional Enrolment Criteria	▫ none
Institutes Offering	▫ IKM Lumut ▫ IKM Sungai Petani ▫ IKM Alor Setar · IKM TSYA · IKM Kuching
Career Opportunities	With this qualification, they are eligible to apply for the position of: ▫ Furniture technician
Interior Design & Upholstery Technology	**Course Code: J 03**
Introduction	▫ This course offers training based on theory and practical in the field of Interior Design & Upholstery Technology
Course Duration	▫ 18 months (3 semesters)
Additional Enrolment Criteria	▫ As per general criteria
Institutes Offering	▫ IKM Lumut ▫ IKM Sungai Petani
Career Opportunities	With this qualification, they are eligible to apply for the position of supervisor / technician in the cushion chairs, sofa, etc industry or be self employed
Electronic Engineering Technology (Industry)	**Course Code: D 01**
Introduction	▫ This course offers training based on theory and practical in the field of Electronic Engineering Technology (Industry)
Course Duration	▫ 24 months (4 semesters)
Additional Enrolment Criteria	▫ Pass in Mathematics and Science ▫ Have clear vision
Institutes Offering	▫ IKM Beseri ▫ IKM Lumut ▫ IKM Kuching · IKM TSYA · IKM Sungai Petani
Career Opportunities	With this qualification, they are eligible to: ▫ Apply for the position of Electronic Technician ▫ Further their education at tertiary level

Courses	Particulars	
Electronic Engineering Technology (Instrument)	**Course Code: D 03**	
Introduction	▪ This course offers training based on theory and practical in the field of Electronic Engineering Technology (Industry)	
Course Duration	▪ 24 months (4 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics and Science	
Institutes Offering	▪ IKM Johor Bahru ▪ IKM Sungai Petani	▪ IKM Beseri ▪ IKM Besut
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Electronic Technician ▪ Further their education at tertiary level	
Electronic Engineering Technology (Communication)	**Course Code: D 04**	
Introduction	▪ This course offers training based on theory and practical in the field of Electronic Engineering Technology (Communication)	
Course Duration	▪ 24 months (4 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics and Science ▪ Have clear vision	
Institutes Offering	▪ IKM Johor Bahru ▪ IKM Beseri	
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Electronic Technician ▪ Further their education at tertiary level	
Computer Engineering Technology	**Course Code: D 09**	
Introduction:	▪ This course offers training based on theory and practical in the field of Computer Engineering Technology	
Course Duration	▪ 24 months (4 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics and Science	
Institutes Offering	▪ IKM Besut	
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Computer Technician ▪ Further their education at tertiary level	
Mechatronic Engineering Technology	**Course Code: D 10**	
Introduction	▪ This course offers training based on theory and practical in the field of Mechatronic Engineering Technology	
Course Duration	▪ 24 months (4 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics and Science	

Courses	Particulars
Institutes Offering	- IKM Johor Bahru - IKM Beseri
Career Opportunities	With this qualification, they are eligible to: - Apply for the position of Mechatronic Technician - Further their education at tertiary level
Architecture Technology	**Course Code: E 05**
Introduction	This course offers training based on theory and practical in the field of Architecture Technology
Course Duration	18 months (3 semesters)
Additional Enrolment Criteria	- Pass in Mathematics and Science - Credit in Art
Institutes Offering	<table><tr><td> - IKM Sungai Petani - IKM Beseri - IKM TSYA </td><td> - IKM Lumut - IKM Kota Kinabalu </td></tr></table>
Career Opportunities	With this qualification, they are eligible to: - Apply for the position of technician, site/plant supervisor, draftsman - Further their education at tertiary level
Civil Engineering Technology (Structural Drawing)	**Course Code: E 02**
Introduction	This course offers training based on theory and practical in the field of Civil Engineering Technology (Structural Drawing)
Course Duration	18 months (3 semesters)
Additional Enrolment Criteria	Pass in Mathematics and Science
Institutes Offering	- IKM Sungai Petani - IKM Alor Setar
Career Opportunities	With this qualification, they are eligible to: - Apply for the position of technician, site/plant supervisor, draftsman - Further their education at tertiary level
Civil Engineering Technology (Architecture)	**Course Code: B 01**
Introduction	This course offers training based on theory and practical in the field of Civil Engineering Technology (Architecture)
Course Duration	18 months (3 semesters)
Additional Enrolment Criteria	Pass in Mathematics
Institutes Offering	- IKM Lumut - IKM Alor Setar - IKM TSYA
Career Opportunities	With this qualification, they are eligible to apply for the position of: Technician, site/plant supervisor, contractor

Courses	Particulars	
Plumbing Technology	**Course Code: B 03**	
Introduction	▪ This course offers training based on theory and practical in the field of Plumbing Technology	
Course Duration	▪ 18 months (3 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics	
Institutes Offering	▪ IKM Lumut	▪ IKM TSYA
	▪ IKM Alor Setar	▪ IKM Kuching
Career Opportunities	With this qualification, they are eligible to apply for the position of: ▪ Technician, be self-employed, contractor	
Mechanical Engineering Technology (Drawing & Design)	**Course Code: E 03**	
Introduction	▪ This course offers training based on theory and practical in the field of Mechanical Engineering Technology (Drawing & Design)	
Course Duration	▪ 18 months (3 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics	
Institutes Offering	▪ IKM Lumut	▪ IKM Kuala Lumpur
	▪ IKM Jasin	▪ IKM Johor Bahru
	▪ IKM TSYA	▪ IKM Besut
Career Opportunities	With this qualification, they are eligible: ▪ To apply for the position of technician, site/plant supervisor, contractor ▪ Further their education at tertiary level	
Mechanical Engineering Technology (Manufacturing)	**Course Code: G 17**	
Introduction	▪ This course offers training based on theory and practical in the field of Mechanical Engineering Technology (Manufacturing)	
Course Duration	▪ 18 months (3 semesters)	
Additional Enrolment Criteria	▪ Pass in Mathematics	
Institutes Offering	▪ IKM TSYA	
	▪ IKM Johor Bahru	
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of technician, machine maintenance ▪ Further their education at tertiary level	
Mechanical Engineering Technology (Machine Maintenance)	**Course Code: G 09**	
Introduction	▪ This course offers training based on theory and practical in the field of Mechanical Engineering Technology (Machine Maintenance)	
Course Duration	▪ 18 months (3 semesters)	

Courses	Particulars
Additional Enrolment Criteria	▪ Pass in Mathematics ▪ Applicants for male only
Institutes Offering	▪ IKM Johor Bahru ▪ IKM Jasin ▪ IKM Kuala Lumpur
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of technician, machine maintenance ▪ Further their education at tertiary level
Mechanical Engineering (Foundry)	**Course Code: G 04**
Introduction	▪ This course offers training based on theory and practical in the field of Pipe Work Technology
Course Duration	▪ 18 months (3 semesters)
Additional Enrolment Criteria	▪ Pass in Mathematics
Institutes Offering	▪ IKM Lumut
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of foundry Technician ▪ Further their education at tertiary level
Metal Piece Fabrication Technology	**Course Code: G 02**
Introduction	▪ This course offers training based on theory and practical in the field of Metal Piece Fabrication Technology
Course Duration	▪ 18 months (3 semesters)
Additional Enrolment Criteria	▪ Pass in Mathematics ▪ Male only
Institutes Offering	▪ IKM Kuala Lumpur
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Technician, Machine Operator, Fabricator, Fitter-Welder ▪ Further their education at tertiary level
Welding & Fabrication Technology	**Course Code: G 06**
Introduction	▪ This course offers training based on theory and practical in the field of Welding and fabrication Technology
Course Duration	▪ 18 months (3 semesters)
Additional Enrolment Criteria	▪ Pass in Mathematics ▪ Male only ▪ Have clear vision
Institutes Offering	▪ IKM Lumut ▪ IKM Beseri ▪ IKM Jasin ▪ IKM Besut ▪ IKM TSYA ▪ IKM Kuala Lumpur ▪ IKM Johor Bahru ▪ IKM Sungai Petani ▪ IKM Kuching
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of technician, welder ▪ Further their education at tertiary level

Courses	Particulars
Diploma in Civil Engineering Technology (Building)	**Course Code: B 10**
Introduction	▪ This course offers training based on theory and practical in the field of Civil Engineering (Building)
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics and any 3 other subjects (priority for distinction is physics, science and additional mathematics)
Institutes Offering	▪ IKM Pasir Mas
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Architecture Technology	**Course Code: E 10**
Introduction	▪ This course offers training based on theory and practical in the field of Architecture Technology
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics, Art and any 2 other subjects (priority for distinction is physics, science and additional mathematics)
Institutes Offering	▪ IKM Pasir Mas
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Tool & Die Technology	**Course Code: G 33**
Introduction	▪ This course offers training based on theory and practical in the field of Tool and Die Technology
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics and any one of the related subjects. ▪ Pass in English
Institutes Offering	▪ IKM Balik Pulau
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer / Tool and Die Maker ▪ Further their education at tertiary level
Diploma in Manufacturing Technology	**Course Code: G 36**
Introduction	▪ This course offers training based on theory and practical in the field of Manufacturing Technology
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics and any one of the related subjects. ▪ Pass in English
Institutes Offering	▪ IKM Balik Pulau

Courses	Particulars
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Mechatronic & Maintenance Technology	**Course Code: G 34**
Introduction	▪ This course offers training based on theory and practical in the field of Mechatronic & Maintenance Technology
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics and any one of the related subjects. ▪ Pass in English
Institutes Offering	▪ IKM Balik Pulau
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Mechanical Technology (Refrigeration & Air-conditioner)	**Course Code: G 25**
Introduction	▪ This course offers training based on theory and practical in the field of Mechanical Technology (Refrigeration & Air-conditioner)
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics, Art and any 2 other subjects (priority for distinction is physics, science and additional mathematics)
Institutes Offering	▪ IKM Johor Bahru
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Wireman / Technician ▪ Further their education at tertiary level
Diploma in Mechanical Technology (Drawing & Design)	**Course Code: E 11**
Introduction	▪ This course offers training based on theory and practical in the field of Mechanical Technology (Drawing & Design)
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics, Art and any 2 other subjects (priority for distinction is physics, science and additional mathematics)
Institutes Offering:	▪ IKM Pasir Mas
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Mechanical Technology (Gas)	**Course Code: G 24**
Introduction	▪ This course offers training based on theory and practical in the field of Mechanical Technology (Gas)

Courses	Particulars
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics, Art and any 2 other subjects (priority for distinction is physics, science and additional mathematics)
Institutes Offering	▪ IKM Johor Bahru
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Moulding Technology	**Course Code: G 32**
Introduction	▪ This course offers training based on theory and practical in the field of Moulding Technology
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics and any one of the related subjects. ▪ Pass in English
Institutes Offering	▪ IKM Balik Pulau
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer / Mould Maker ▪ Further their education at tertiary level
Diploma in Product Design Engineering	**Course Code: G 35**
Introduction	▪ This course offers training based on theory and practical in the field of Product Design Engineering
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics and any one of the related subjects ▪ Pass in English
Institutes Offering	▪ IKM Balik Pulau
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Automotive Technology	**Course Code: G 27**
Introduction	▪ This course offers training based on theory and practical in the field of Automotive Technology
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics, Art and any 2 other subjects (priority for distinction is physics, science and additional mathematics)
Institutes Offering	▪ IKM Jasin
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Electric Technology (Energy)	**Course Code: C10**
Introduction	▪ This course offers training based on theory and practical in the field of Electric Technology (Energy)

Courses	Particulars
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction subject: Bahasa Malaysia, Mathematics, Art & any 2 other subjects (priority for distinction is physics, science and additional mathematics)
Institutes Offering	▪ IKM Pasir Mas
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer (Electrical) ▪ Further their education at tertiary level
Electronic Engineering (Foundation & HND)	**Course Code: D 06**
Introduction	▪ This course offers training based on theory and practical in the field of Electronic Engineering (Foundation & Higher National Diploma)
Course Duration	▪ 30 months (5 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics, Art & any 2 other subjects (priority for distinction is physics, science and additional mathematics)
Institutes Offering	▪ IKM Petaling Jaya
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Electronic Technology (HND)	**Course Code: D 07**
Introduction	▪ This course offers training based on theory and practical in the field of Electronic Technology (Higher National Diploma)
Course Duration	▪ 24 months (4 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia ▪ IKM Certificate in Electronic
Institutes Offering	▪ IKM Petaling Jaya
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level
Diploma in Electronic Technology (Industry)	**Course Code: D 08**
Introduction	▪ This course offers training based on theory and practical in the field of Electronic Technology (Industry)
Course Duration	▪ 36 months (6 semesters)
Additional Enrolment Criteria	▪ Distinction in Bahasa Malaysia, Mathematics, Art & any 2 other subjects (priority for distinction in physics, science and additional mathematics)
Institutes Offering	▪ IKM Pasir Mas
Career Opportunities	With this qualification, they are eligible to: ▪ Apply for the position of Assistant Engineer ▪ Further their education at tertiary level

Section C2.8 National Youth Skills Institutes (MoY&S)

General Enrolment Criteria:
- Applicants must be 17 to 24 years (Certificate Courses) and 17 to 30 years (Diploma Courses)
- Certificate Courses (12 – 18 months); Diploma Courses (24 – 36 months)
- Pass the Sijil Peperiksaan Malaysia (SPM) or Sijil Peperiksaan Malaysia (Vocational) (SPVM)
- Additional qualifications stated in each course profile

Courses	Particulars
Mould & Cutting Tool Maker	**Certificate Course**
Introduction	Trainees are taught on using hand tools for accurate measurement and techniques of tools and die. Trainees will be trained both individually and in team (group projects)
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Jitra National Youth Skill Institute ▪ Dusun Tua National Youth Skill Institute ▪ Sepang National Youth Higher Skill Institute ▪ Pagoh National Youth Skill Institute ▪ Miri National Youth Skill Institute
Industrial Mechanics	**Certificate Course**
Introduction	This course offers training in the field of Industrial Mechanical Engineering technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Dusun Tua National Youth Skill Institute ▪ Sepang National Youth Skill Institute ▪ Pagoh National Youth Skill Institute ▪ Seberang Prai National Youth Higher Skill Institute ▪ Miri National Youth Skill Institute
Gas & Arc Welder	**Certificate Course**
Introduction	This course exposes students to welding technology utilising gas and arc. Students will be trained on cutting materials using plasma cutting by arc and gas welding. Other modules include metal sheet and pipes welding (both ferrous and non-ferrous materials), understanding and interpreting blue-prints, examination of welded joints through nickel-break as well as bend and tensile test on metal.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Jitra National Youth Skill Institute ▪ Dusun Tua National Youth Skill Institute ▪ Wakaf Tapai National Youth Skill Institute ▪ Pagoh National Youth Skill Institute

Courses	Particulars
General Machinist	**Certificate Course**
Introduction	This course trains students to make parts using various types of machines such as milling, grinding and lathe. Additionally students will be trained in reading and interpreting drawing/plans and selecting suitable tools for work piece.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Dusun Tua National Youth Skill Institute ▪ Sepang National Youth Higher Skill Institute ▪ Pagoh National Youth Skill Institute ▪ Seberang Prai National Youth Skill Institute ▪ Miri National Youth Skill Institute
Motor Vehicle Mechanic	**Certificate Course**
Introduction	This course offers training (theory and practical) in motor vehicle mechanic technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Jitra National Youth Skill Institute ▪ Dusun Tua National Youth Skill Institute ▪ Pontian National Youth Skill Institute ▪ Chembong National Youth Skill Institute ▪ Bachok National Youth Skill Institute ▪ Kuala Perlis National Youth Skill Institute ▪ Miri National Youth Skill Institute
Motorcycle Mechanic	**Certificate Course**
Introduction	This course offers training (theory and practical) in motorcycle mechanic technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Jitra National Youth Skill Institute
Commercial Vehicle Mechanic	**Certificate Course**
Introduction	This course offers training (theory and practical) in commercial vehicle (buses and trucks) mechanic technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Dusun Tua National Youth Skill Institute ▪ Chembong National Youth Skill Institute ▪ Bachok National Youth Skill Institute

Courses	Particulars
	▪ Kuala Perlis National Youth Skill Institute ▪ Miri National Youth Skill Institute
Heavy Machinery Mechanic	**Certificate Course**
Introduction	This course offers training (theory and practical) in heavy machinery mechanic technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Dusun Tua National Youth Skill Institute ▪ Chembong National Youth Skill Institute ▪ Bachok National Youth Skill Institute ▪ Kuala Perlis National Youth Skill Institute ▪ Miri National Youth Skill Institute
Knocking & Spraying (Vehicles)	**Certificate Course**
Introduction	This course offers training (theory and practical) in vehicle body knocking and paint spraying.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Dusun Tua National Youth Skill Institute ▪ Kuala Perlis National Youth Skill Institute
Marine Mechanic	**Certificate Course**
Introduction	This course offers training (theory and practical) in marine mechanic technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Kuala Perlis National Youth Skill Institute
Industrial Electronic	**Certificate Course**
Introduction	This course offers training (theory and practical) in electronic mechanical technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Seri Iskandar National Youth Skill Institute ▪ Sepang National Youth Higher Skill Institute ▪ Pontian National Youth Skill Institute ▪ Seberang Prai National Youth Skill Institute ▪ Kinarut National Youth Skill Institute

Courses	Particulars
Audio-Video Electronic	**Certificate Course**
Introduction	This course offers training (theory and practical) in audio-video electronic technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Seri Iskandar National Youth Skill Institute ▪ Dusun Tua National Youth Skill Institute ▪ Alor Gajah National Youth Skill Institute ▪ Seberang Prai National Youth Skill Institute ▪ Kinarut National Youth Skill Institute
Air-Conditioning Technology	**Certificate Course**
Introduction	This course offers training (theory and practical) in the field of cooler and air-conditioner mechanical engineering technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Seri Iskandar National Youth Skill Institute ▪ Dusun Tua National Youth Skill Institute ▪ Alor Gajah National Youth Skill Institute ▪ Seberang Prai National Youth Skill Institute ▪ Kinarut National Youth Skill Institute
Electrical Wiring	**Certificate Course**
Introduction	This course offers training (theory and practical) in the field of electrical wiring.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Jitra National Youth Skill Institute ▪ Dusun Tua National Youth Skill Institute ▪ Pontian National Youth Skill Institute ▪ Wakaf Tapai National Youth Skill Institute ▪ Alor Gajah National Youth Skill Institute ▪ Seberang Prai National Youth Skill Institute ▪ Kinarut National Youth Skill Institute
Electrical Chargeman	**Certificate Course**
Introduction	This course offers training (theory and practical) in the field chargeman and electrical technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Dusun Tua National Youth Skill Institute ▪ Sepang National Youth Higher Skill Institute ▪ Wakaf Tapai National Youth Skill Institute ▪ Alor Gajah National Youth Skill Institute

Courses	Particulars
	▪ Seberang Prai National Youth Skill Institute ▪ Kinarut National Youth Skill Institute
CAD-CAM	**Certificate Course**
Introduction	This course offers training in the field CAD-CAM.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Sepang National Youth Skill Institute
Building Builder	**Certificate Course**
Introduction	This course offers training (theory and practical) in building construction technology.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Pontian National Youth Skill Institute ▪ Wakaf Tapai National Youth Skill Institute ▪ Chembong National Youth Skill Institute ▪ Bachok National Youth Skill Institute ▪ Kuala Perlis National Youth Skill Institute ▪ Kinarut National Youth Skill Institute
Furniture and Interior Design	**Certificate Course**
Introduction	This course offers training (theory and practical) in furniture technology and interior designing.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Jitra National Youth Skill Institute ▪ Dusun Tua National Youth Skill Institute
Landscape Designer	**Certificate Course**
Introduction	This course offers training (theory and practical) in furniture technology and interior designing.
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record
Institutes Offering	▪ Dusun Tua National Youth Skill Institute
Plumbing & Sanitation	**Certificate Course**
Introduction	This course offer training (theory and practical) in various pipe laying techniques and plumbing and sanitarion systems
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English ▪ No criminal record

Courses	Particulars
Institutes Offering	▫ Wakaf Tapai National Youth Skill Institute
CADD Draughtsman	**Certificate Course**
Introduction	This course offer training (theory and practical) in archltecturural draughtsmanship.
Course Duration	▫ 18 months
Additional Enrolment Criteria	▫ Not married ▫ Pass in Mathematics, Science and English ▫ No criminal record
Institutes Offering	▫ Chembong National Youth Skill Institute ▫ Bachok National Youth Skill Institute ▫ Kuala Perlis National Youth Skill Institute
Computer Network Technician	**Certificate Course**
Introduction	This course offers training in computer netwoking.
Course Duration	▫ 12 months
Additional Enrolment Criteria	▫ Not married ▫ Pass in Mathematics, Science and English ▫ No criminal record
Institutes Offering	▫ Seri Iskandar National Youth Skill Institute
Computer System Technician	**Certificate Course**
Introduction	This course offers training in computer systems.
Course Duration	▫ 12 months
Additional Enrolment Criteria	▫ Not married ▫ Pass in Mathematics, Science and English ▫ No criminal record
Institutes Offering	▫ Seri Iskandar National Youth Skill Institute
Multi-media	**Certificate Course**
Introduction	This course offers training in multi-media.
Course Duration	▫ 12 months
Additional Enrolment Criteria	▫ Not married ▫ Pass in Mathematics, Science and English ▫ No criminal record
Institutes Offering	▫ Sepang National Youth Higher Skill Institute
Men's Wear - Design and Tailoring	**Certificate Course**
Introduction	This course offer training in designing and tailoring of men's apparels.
Course Duration	▫ 18 months
Additional Enrolment Criteria	▫ Not married ▫ Pass in Mathematics, Science and English
Institutes Offering	▫ Peretak National Youth Skill Institute ▫ Wakaf Tapai National Youth Skill Institute
Women's Wear - Design and Tailoring	**Certificate Course**
Introduction	This course offer training in designing and tailoring of women's apparels.
Course Duration	▫ 18 months

Courses	Particulars
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Jitra National Youth Skill Institute ▪ Peretak National Youth Skill Institute ▪ Wakaf Tapai National Youth Skill Institute
Batik Designer and Painter	**Certificate Course**
Introduction	This course offers training in designing and painting batik.
Course Duration	▪ 12 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Jitra National Youth Skill Institute
Baker	**Certificate Course**
Introduction	This course offers training in bakery. Students are taught knowledge and skills in safety, self-hygiene and preparation of various types of breads, muffins, pizzas, pastries, scones and croissants.
Course Duration	▪ 12 months
Additional Enrolment Criteria	▪ Not married ▪ Pass In Mathematics, Science and English
Institutes Offering	▪ Peretak National Youth Skill Institute
Food & Beverage Walter/Captain	**Certificate Course**
Introduction	This course offers sudents knowledge and skills in safety, self-hygiene as well as food preparation and customer service.
Course Duration	▪ 12 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Peretak National Youth Skill Institute ▪ Alor Gajah National Youth Skill Institute ▪ Bachok National Youth Skill Institute ▪ Miri National Youth Skill Institute
Chef	**Certificate Course**
Introduction	This course offers sudents knowledge and skills in safety, self-hygiene as well as food preparation (including local and western cuisine, fruits, pastries and breads)
Course Duration	▪ 18 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Peretak National Youth Skill Institute ▪ Alor Gajah National Youth Skill Institute ▪ Bachok National Youth Skill Institute ▪ Miri National Youth Skill Institute
Pastry Cook	**Certificate Course**
Introduction	This course offers sudents knowledge and skills in safety, self-hygiene as well as food preparation (incl pastries, cakes, ice-cream, icing and icing techniques)
Course Duration	▪ 12 months
Additional	▪ Not married

Courses	Particulars
Enrolment Criteria	▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Peretak National Youth Skill Institute ▪ Alor Gajah National Youth Skill Institute ▪ Bachok National Youth Skill Institute ▪ Miri National Youth Skill Institute
Beautician	**Certificate Course**
Introduction	This course offers sudents knowledge and skills in beautician and aesthetication techniques
Course Duration	▪ 12 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Peretak National Youth Skill Institute
Hair Stylist	**Certificate Course**
Introduction	This course offers sudents knowledge and skills in personal services using saloon equipment (incl shampooing, hair styling, hair cutting) as well as saloon management and customer service.
Course Duration	▪ 12 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Peretak National Youth Skill Institute
Photography	**Certificate Course**
Introduction	This course offers sudents knowledge and skills in photography (incl exposure to various types of cameras and films), processing of films, video production and picture printing.
Course Duration	▪ 12 months
Additional Enrolment Criteria	▪ Not married ▪ Pass in Mathematics, Science and English
Institutes Offering	▪ Peretak National Youth Skill Institute
Mould & Tool Cutting Maker	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in designing and producing two and three plate mould with conventional machines. Students are also trained in installation, examination and trouble shooting aspects.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Credits in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▪ Pass in English Language (SPM/SPVM)
Institutes Offering	▪ Pagoh National Youth Skill Institute
Industrial Mechanics	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in industrial mechanical technology.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Credits in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▪ Pass in English Language (SPM/SPVM)
Institutes Offering	▪ Pagoh National Youth Skill Institute
Gas & Arc Welder	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in gas and arc welding.
Course Duration	▪ 36 months

Courses	Particulars
Additional Enrolment Criteria	▪ Credits in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▪ Pass in English Language (SPM/SPVM)
Institutes Offering	▪ Pagoh National Youth Skill Institute
General Machinist	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in producing parts by using various machines such as milling, grinding and lathe. Students will also be trained in the intepretation of drawings and blue-prints as well as tools relevant for the work.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Credits in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▪ Pass in English Language (SPM/SPVM)
Institutes Offering	▪ Pagoh National Youth Skill Institute
Tool Design Draughtsman	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in designing and producing Press Tool & Plastic Injection Moulding using convenstional machines. Students are also trained in installation, examination and trouble-shooting aspects.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Skill Trade Based qualification (as stated by ADTEC Batu Pahat) and ▪ Possess SKM Level 2 in related course OR ▪ Distinction in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▪ Pass in English (SPVM/SPM)
Institutes Offering	▪ Sepang National Youth Higher Skill Institute
Mechanical Technology – Mould & Tool	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in industrial electronic mechanical technology (Level 3) related to Mould & Tool.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Possess SKM Level 2 in related course OR ▪ Distinction in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▪ Pass in English (SPVM/SPM)
Institutes Offering	▪ Sepang National Youth Higher Skill Institute
Mechanical Technology – Machining	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in industrial electronic mechanical technology (Level 3) related to Machining.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Possess SKM Level 2 in related course OR ▪ Distinction in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▪ Pass in English (SPVM/SPM)
Institutes Offering	▪ Sepang National Youth Higher Skill Institute
Mechanical Technology – Maintenance	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in industrial electronic mechanical technology (Level 3) related to machinery maintenance.

Courses	Particulars
Course Duration	▫ 36 months
Additional Enrolment Criteria	▫ Possess SKM Level 2 in related course OR ▫ Distinction in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▫ Pass in English (SPVM/SPM)
Institutes Offering	▫ Sepang National Youth Higher Skill Institute
Building Builder	**Diploma Course**
Introduction	This course offers training in building construction technology.
Course Duration	▫ 36 months
Additional Enrolment Criteria	▫ Possess SKM Level 2 in related course OR ▫ Distinction in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▫ Pass in English (SPVM/SPM)
Institutes Offering	▫ Bachok National Youth Skill Institute
Landscape Designer	**Diploma Course**
Introduction	This course offers training (theory and practical) in furniture technology and interior designing.
Course Duration	▫ 36 months
Additional Enrolment Criteria	▫ Possess SKM Level 2 in related course OR ▫ Distinction in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▫ Pass in English (SPVM/SPM)
Institutes Offering	▫ Dusun Tua National Youth Skill Institute
CADD Draughtsman	**Diploma Course**
Introduction	This course offer training (theory and practical) in architecturural draughtsmanship.
Course Duration	▫ 36 months
Additional Enrolment Criteria	▫ Possess SKM Level 2 in related course OR ▫ Distinction in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▫ Pass in English (SPVM/SPM)
Institutes Offering	▫ Bachok National Youth Skill Institute
Men's Wear – Design and Tailoring	**Diploma Course**
Introduction	This course offer training in designing and tailoring of men's apparels.
Course Duration	▫ 36 months
Additional Enrolment Criteria	▫ Possess SKM Level 2 in related course OR ▫ Credit in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▫ Pass in English (SPVM/SPM)
Institutes Offering	▫ Peretak National Youth Skill Institute
Baker	**Diploma Course**
Introduction	This course offers training in bakery. Students are taught knowledge and skills in safety, self-hygiene and preparation of various types of breads, muffins, pizzas, pastries, scones and croissants.
Course Duration	▫ 36 months
Additional Enrolment Criteria	▫ Possess SKM Level 2 in related course OR ▫ Credit in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▫ Pass in English (SPVM/SPM)
Institutes Offering	▫ Peretak National Youth Skill Institute

Courses	Particulars
Chef	**Diploma Course**
Introduction	This course offers sudents knowledge and skills in safety, self-hygiene as well as food preparation (including local and western cuisine, fruits, pastries and breads)
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Possess SKM Level 2 in related course OR ▪ Credit in Bahasa Malaysia, Mathematics and Science (SPVM/SPM) ▪ Pass in English (SPVM/SPM)
Institutes Offering	▪ Peretak National Youth Skill Institute
Industrial Electronic	**Diploma Course**
Introduction	Students in this course are equipped with the knowledge in industrial electronic mechanical technology (level 3).
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Possess Malaysian Skill Certificate (SKM 2) level 2 OR ▪ Distinction in Mathematics, Science and Bahasa Malaysia
Institutes Offering	▪ Sepang National Youth Higher Skill Institute ▪ Seberang Prai National Youth Skill Institute
Audio Video Electronic	**Diploma Course**
Introduction	Students in this course are equipped with the knowledge in audio video electronic mechanic technology according to MLVK's NOSS.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Possess Malaysian Skill Certificate (SKM 2) level 2 OR ▪ Distinction in Mathematics, Science and Bahasa Malaysia
Institutes Offering	▪ Seberang Prai National Youth Skill Institute
Audio Video Electronic	**Diploma Course**
Introduction	Students in this course are equipped with the knowledge in audio video electronic mechanic technology according to MLVK's NOSS.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Possess Malaysian Skill Certificate (SKM 2) level 2 OR ▪ Distinction in Mathematics, Science and Bahasa Malaysia
Institutes Offering	▪ Seberang Prai National Youth Skill Institute
Air-Conditioning Technology	**Diploma Course**
Introduction	Students in this course are equipped with the knowledge in air-conditioning technology.
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Possess Malaysian Skill Certificate (SKM 2) level 2 OR ▪ Distinction in Mathematics, Science and Bahasa Malaysia
Institutes Offering	▪ Seberang Prai National Youth Skill Institute
Electrical Wiring	**Diploma Course**
Introduction	Students in this course are equipped with the knowledge electrical wiring
Course Duration	▪ 36 months
Additional Enrolment Criteria	▪ Possess Malaysian Skill Certificate (SKM 2) level 2 OR ▪ Distinction in Mathematics, Science and Bahasa Malaysia
Institutes Offering	▪ Jitra National Youth Skill Institute

Courses	Particulars
	- Dusun Tua National Youth Skill Institute - Pontian National Youth Skill Institute - Wakaf Tapai National Youth Skill Institute - Alor Gajah National Youth Skill Institute - Seberang Prai National Youth Skill Institute - Kinarut National Youth Skill Institute
Electrical Chargeman	**Diploma Course**
Introduction	Students in this course are equipped with the knowledge and skills as chargeman
Course Duration	36 months
Additional Enrolment Criteria	- Possess Malaysian Skill Certificate (SKM 2) level 2 OR - Distinction in Mathematics, Science and Bahasa Malaysia
Institutes Offering	- Dusun Tua National Youth Skill Institute - Sepang National Youth Higher Skill Institute - Wakaf Tapai National Youth Skill Institute - Alor Gajah National Youth Skill Institute - Seberang Prai National Youth Skill Institute

Section C2.9 State Skills Development Centres (State)

Courses	Particulars
AutoCAD Application Level 1	
Introduction	To allow participants to create drawing, using the right techniques of selecting objects, redefining drawings, production editing, dimensioning rules, right tips on area calculation, method of adding texture and many more.
Enrolment Criteria	▪ Participants must have Basic knowledge of DOS and Windows Experience in Drafting.
Insitutes Offering	▪ Penang Skills Development Centre (PSDC)
Basic Machining Course (BMC)	
Introduction	▪ Hands-on machine tool experience and industrial training especially in turning, milling and grinding processes. ▪ Structured for junior technicians, apprentices and school leavers. ▪ Enable the trainees to operate the lathe, milling and grinding machines effectively. ▪ To acquire the MLVK SKM Level 1 and Level 2 Certificates.
Course Duration	▪ 12 months
Enrolment Criteria	▪ SPM Passes in Mathematics, Science and English (preference will be given to those with credits in the above subjects)
Institutes Offering	▪ Penang Skills Development Centre (PSDC)
Career Opportunities	All BMC "graduates" with minimum MLVK SKM Level 1 (H-017-1) are eligible for Advanced CNC Machining course, which will prepare them for a career as a machinist, setter, programmer or into PSDC Diploma Programmes.
Advanced Computer Numeric Control Machining Course (ACNC)	

Introduction	▪ Hands-on CNC machine tool experience, CAD/CAM and process planning
	▪ Structured for apprentices, machinists and junior technicians
	▪ Enable the trainees
	  - to perform jobs in a safe manner.
	  - to prepare NC Program, Machining Process Plan and use CAD/CAM software for Programming.
	  - to operate CNC lathe, CNC milling, CNC grinding, CNC wire cut and CNC EDM machines effectively.
	▪ To acquire the MLVK SKM Level 2 and Level 3 Certificates.

Course Duration	▪ 12 months
Enrolment Criteria	▪ MLVK SKM Level 1 (H-017-1) in lathe, milling & grinding machining ▪ Completed Basic Machining Course conducted by PSDC
Institutes Offering	▪ Penang Skills Development Centre (PSDC)
Career Opportunities	All ACNC "graduates" with minimum MLVK SKM Level 1 (H-017-1) are eligible for Advanced CNC Machining course, which will prepare them for a career as a machinist, setter, programmer or into PSDC Diploma Programmes.

Courses	Particulars
Assistant Manufacturing Industries (Mechatronic)	
Introduction	Trainees who undergo this training will be exposed to the latest technology, especially the industrial automation in the manufacturing sector.
Course Duration	▪ 12 months
Enrolment Criteria	▪ 18 years old and above. ▪ SPM (Pass in Mathematics and Science)
Institutes Offering	▪ Melaka Industrial Skills Development Centre ▪ Negeri Sembilan Industrial Skills Development Centre
Career Opportunities	Automation Technology is applicable in most of the industries, thus making the trainee to be more marketable after completing the training.
Multimedia Artist-Animation	
Introduction	The objective of this programme is to fulfil the need of a multimedia development designer. Trainee will be exposed with various animation development skills and design such as object animation and organisation and materials animation.
Course Duration	▪ 6 months
Enrolment Criteria	▪ Age 18 years and above ▪ SPM
Institutes Offering	▪ Melaka Industrial Skills Development Centre
Multimedia Artist-Animation	
Introduction	This programme is designed to maximise the combination of graphic materials, software and hardware. Visual artist must be able to develop, manage and produce graphic images as well as managing graphic elements. They have to work together in a multimedia development team as part of graphic or visual development process. In this course, trainee will be taught with the whole process of digitising pictures and objects using computer software, hardware and also drawing using graphic tools. Image editing will be learned through manuals and graphic applications.
Course Duration	▪ 6 months
Enrolment Criteria	▪ Age 18 years and above ▪ SPM (Pass in Mathematics and Science)
Institutes Offering	▪ Melaka Industrial Skills Development Centre
Development Programming Application	
Introduction	Upon completion of this programme, trainee will be able to develop, run and test the computer programming. Besides performing various programming tasks such as data maintenance. They will also be exposed to the documentation process in developing such programme.
Course Duration	▪ 6 months
Enrolment Criteria	▪ Age 18 years and above ▪ SPM (Pass in Mathematics and Science)
Institutes Offering	▪ Melaka Industrial Skills Development Centre ▪ Selangor Human Resources Development Centre

Courses	Particulars
Diploma in Information Technology	
Introduction	Information and Communication Technology (ICT) is a valuable requirement in all economic sectors. ICT skilled workforce is in demand in our job market. The modules are design to suit current job markets requirement and lecturers will be conducted in English. After completion of diploma level, students have the option to further their study to degree level.
Course Duration	▪ 2 ½ years (5 semesters)
Enrolment Criteria	▪ SPM or equivalent with credits in Bahasa Malaysia, mathematics and one other subject. ▪ A pass in English subject is required
Institutes Offering	▪ Sarawak Skills Development Centre
Mechatronic-Manufacturing Technician	
Introduction	Mechatronics Technology is a combination of three fields, namely Mechanical technology, Electronics Technology and Computer Technology. The field of mechatronics is also often known as Industrial Automation. In manufacturing industry, the application of mechatronics technology is becoming widespread because it enables a company to increase productivity of superior quality products.
Course Duration	▪ 3 years
Enrolment Criteria	▪ Completed Form 5 or equivalent
Institutes Offering	▪ Sarawak Skills Development Centre
Layout Artist & Designer	
Introduction	This is to cater to those who are interested in the visual communication such as Graphic Design. Individuals with artistic flair planning to work in advertising, printing and multimedia industries are encouraged to attend.
Course Duration	▪ 3 years
Enrolment Criteria	▪ Completed Form 5 or equivalent
Institutes Offering	▪ Sarawak Skills Development Centre
Printing Technology	
Introduction	Printing Technology comprises Pre-Press and Press. ▪ Pre-Press Operator is designated to prepare and process finished masters, films and plates ready for printing ▪ Senior Pre-Press operator is designated to perform responsibilities toward an efficient procedures of work flow and to ensure that high quality jobs are maintained, to provide guidance to subordinates, and to assist the supervisor at various levels of production ▪ A lithographic press operator is designated to print on different stocks using single colour to four colour printing machines ▪ Senior Lithographic Press Operator is designated to assist and advice the lithographic press supervisors in the various production levels to ensure the smooth running of workflow.
Course Duration	▪ 3 years
Enrolment Criteria	▪ Completed Form 5 or equivalent
Institutes Offering	▪ Pahang Skills Development Centre ▪ Sarawak Skills Development Centre

Courses	Particulars
Diploma in Computer Science	
Introduction	▫ To provide knowledge and skills in Computer and Technology Application fields. ▫ To enhance job opportunity in Science Computer field
Course Duration	▫ 3 years (6 semesters)
Enrolment Criteria	▫ SPM/SPVM with 1st or 2nd grade ▫ Credit in Bahasa Malaysia (including July paper); Mathematics; one (1) of Science subjects and two (2) of the following subjects: Chemistry, Physics, Biology, Additional Mathematics, Agricultural Science, Commerce, Accounting Principle, Economic Foundation, and any related subjects, or ▫ Passed all subjects and Mathematics in SSK program with CGPA at least 2.00.
Institutes Offering	▫ Pahang Skills Development Centre
Diploma in Electronic Technology (Industry)	
Introduction	▫ To provide knowledge and skills in Electronic Technology (Industry) fields ▫ To enhance the job opportunity in Electronic Technology (Industry) field.
Course Duration	▫ 3 years (6 semesters) inclusive of industrial training
Enrolment Criteria	▫ SPM/SPVM or equivalent ▪ Credit in at least three (3) in the following subjects : Bahasa Malaysia (including July paper) & two (2) any other subjects or ▫ If only passed Bahasa Malaysia (P7;P8) ▫ Must credits in three (3) any other subjects and Bahasa Malaysia (July paper) during study period in PSDC or ▪ Passed Polytechnic Certificate in related field (direct intake to year 2) or ▫ Passed Sijil Kemahiran Malaysia (Level 2) and Credit in Bahasa Malaysia (including July paper) and two (2) other subjects for SPM.
Institutes Offering	▪ Pahang Skills Development Centre
Diploma in Electrical Technology (Power)	
Introduction	▫ To provide knowledge and skills in Electronic Technology (Power) fields ▫ To enhance the job opportunity in Electronic Technology (Power) field.
Course Duration	▫ 3 years (6 semesters) inclusive of industrial training
Enrolment Criteria	▫ SPM/SPVM or equivalent ▪ Credit in at least three (3) in the following subjects : Bahasa Malaysia (including July paper) & two (2) any other subjects or ▪ If only passed Bahasa Malaysia (P7;P8) ▪ Must have credits in three (3) any other subjects and Bahasa Malaysia (July paper) during study period in PSDC or ▫ Passed Polytechnic Certificate in related field (direct intake to year 2) or ▫ Passed Sijil Kemahiran Malaysia (Level 2) and Credit in Bahasa Malaysia (including July paper) and two (2) other subjects for SPM.
Institutes Offering	▫ Pahang Skills Development Centre

Courses	Particulars
Diploma in Computer System	
Introduction	▪ Installing dan upgrading computer units' capacity, software and additional devices. ▪ Identifying computer hardware failure dan troubleshooting. ▪ Performing preventive maintenance and troubleshooting. ▪ Providing training opportunity in skills development in the field.
Course Duration	▪ SPM holders : 5 Semesters (2 ½ years) ▪ SKM Level 3 holders (PSDC) : 4 Semesters (2 years) ▪ SKM Level 3 holders (non-PSDC) : 5 Semesters (2 ½ years)
Enrolment Criteria	▪ SPM holders: 　▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or 　▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)
Institutes Offering	▪ Pahang Skills Development Centre ▪ Kedah Industrial Skill and Management Development Centre
Information Technology (Network) Engineering	
Introduction	A Computer Network Assistant Technician is designed to service, monitor and maintain components and equipment of Local Area Network (LAN), such as Network client workstations, Personal Computers, Network peripherals, Network cabling, Network devices and to assist Computer Network Technicians in implementing Local Area Networks (intranet).
Course Duration	▪ 24 months
Enrolment Criteria	▪ SPM / SPVM holders ▪ PMR holders
Institutes Offering	▪ Perak Skills Development Centre
Information Technology (System) Engineering	
Introduction	A Computer Network Assistant Technician is designated to service maintain and repair components and equipment of Computer systems such as Mainframe Computers, Workstation Computers, Personal Computers and their peripherals. The work is carried out independently or in a variety of workplace.
Course Duration	▪ 24 months
Enrolment Criteria	▪ SPM / SPVM holders ▪ PMR holders
Institutes Offering	▪ Perak Skills Development Centre
Industrial Mechatronics Engineering	
Introduction	An Industrial Mechatronics Technician checks and maintains hydraulic and electro- hydraulic system, pneumatic and electro-pneumatic system, servo system, industrial electronic system, industrial electrical system, industrial automation system and tooling for production line.
Course Duration	▪ 24 months

Courses	Particulars

Enrolment Criteria	▪ SPM holders:
	  ▫ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Perak Skills Development Centre
Industrial Electrical Engineering	
Introduction	An Industrial Electrical Technician installs, services and repairs electrical wiring, motors, generators, transformers low voltage overhead and domestic appliances.
Course Duration	▪ 24 months

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Perak Skills Development Centre
Industrial Electronics Engineering	
Introduction	An Industrial Electronics Technician fits, assembles and repairs various kinds of electronic equipment in factory, workshop or place of use.
Course Duration	▪ 24 months

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Perak Skills Development Centre
Diploma in Manufacturing Engineering (Tool & Die Design)	
Introduction	Students in this course are equipped with the knowledge in tool and die design to design products in metal or plastic.
Course Duration	▪ 3 years (6 semesters)

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Terengganu Advanced Technical Institute (TATI)
Diploma in Manufacturing (Tool & Die Making)	
Introduction	Students in this course are equipped with the knowledge in tool and die making in order to produce metal or plastic products.
Course Duration	▪ 3 years (6 semesters)
Enrolment Criteria	▪ SPM holders:

Courses	Particulars
	▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)
Institutes Offering	▪ Terengganu Advanced Technical Institute (TATI)
Tool & Die Apprenticeship	
Introduction	The objectives of the apprenticeship scheme are: ▪ To provide structured multi-skill training to prepare school leavers for entry level jobs in the industry ▪ To meet the increasing demand for competent employees in the industry within a robust economy ▪ To provide the apprentice with the recognised qualification which can be used for further retraining and skills upgrading for career progression within the industry
Course Duration	▪ 14 months

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Selangor Human Resources Development Centre
Plastics Injection Moulding Apprenticeship	
Introduction	The objectives of the apprenticeship scheme are: ▪ To provide structured multi-skill training to prepare school leavers for entry level jobs in the industry ▪ To meet the increasing demand for competent employees in the industry within a robust economy ▪ To provide the apprentice with the recognised qualification which can be used for further retraining and skills upgrading for career progression within the industry
Course Duration	▪ 10 months

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Selangor Human Resources Development Centre
Mechatronics Apprenticeship	
Introduction	The objectives of the apprenticeship scheme are: ▪ To provide structured multi-skill training to prepare school leavers for entry level jobs in the industry ▪ To meet the increasing demand for competent employees in the industry within a robust economy ▪ To provide the apprentice with the recognised qualification which can be used for further retraining and skills upgrading for career progression within the industry
Course Duration	▪ 18 months

Courses	Particulars
Enrolment Criteria	▪ SPM holders: 　▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or 　▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)
Institutes Offering	▪ Selangor Human Resources Development Centre
Semiconductor Chip Design-Analogue	
Introduction	This course was developed for recent and new graduates from electronics engineering and other relevant disciplines. The course focuses on competencies needed by the industries today.
Course Duration	▪ 12 months (theory) ▪ 6-12 months (industrial attachment)
Enrolment Criteria	▪ SPM holders: 　▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or 　▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)
Institutes Offering	▪ Selangor Human Resources Development Centre
Career Opportunities	Successful graduates can look forward to excellent career opportunities, whether they choose to work in a small local design house, or form part of the design team of global multinationals.
Computer Network Assistant Technician	
Introduction	The NVTC organises this programme. It is designed to prepare participants toward a world of computers and networking. Participants are led through a series of sessions aimed at providing necessary exposure to establishing connections, right through to troubleshooting of networking problems.
Course Duration	▪ 6 months
Enrolment Criteria	▪ SPM holders: 　▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or 　▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)
Institutes Offering	▪ Kedah Industrial Skill and Management Development Centre
Career Opportunities	Upon completion of these programmes, participants will have gained the ability to perform work functions as assistant technician to the network technicians.
CISCO Programme-CCNA Certified	
Introduction	CCNA Course 1 provides students with a foundation in networking and in-transition workers to design, build and maintain computer networks. Students who successfully complete this portion of the programme are eligible to earn Cisco Certified Network Associate (CCNA) certification. The first 4 courses are available at the secondary and post-secondary levels. Cisco Networking Academy Programme is an e-learning model that includes web-based educational media-rich content, on-line testing, student performance tracking and instructor training and support as well as hands-on labs.
Course Duration	▪ 6 months

Courses	Particulars

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Kedah Industrial Skill and Management Development Centre
Chargeman-AO	
Introduction	This programme is designed to prepare participants wishing to undertake the Chargeman AO examinations, organised by the Energy Commission. Participants would be introduced to the Legal Acts and Regulations pertaining to energy supply and handling. This programme will provide participants exposure in the areas of installation, maintenance, repair and inspection of low voltage electrical equipment and machinery.
Course Duration	▪ 8 months

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Kedah Industrial Skill and Management Development Centre
Chargeman A1/A4-1/A4	
Introduction	This programme is an extension of the Chargeman AO programme and is designed to provide guidance and preparation to undertake the Chargeman A4 examinations organised by the Energy Commission. Upon completion of the programme, participants are expected to have acquired the practical, as well as theoretical knowledge on the installation, handling, maintenance, repair, and inspection of low voltage electrical equipment and machinery.
Course Duration	▪ 8 months

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Kedah Industrial Skill and Management Development Centre
Basic Electrical Power	
Introduction	This programme is designed to provide participants with a clear and defined understanding of electrical power. Participants will be guided in the usage and fixtures of electrical items, as well wiring installations. Health and safety aspects are incorporated into the modules to provide participants with knowledge on performing work functions with due care.
Course Duration	▪ 6 months

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Kedah Industrial Skill and Management Development Centre

Courses	Particulars
Wireman NII	
Introduction	This programme is designed to provide participants with the required knowledge and skills to perform the task of wiring installation and maintenance. Participants would be introduced to the legal acts and procedures governing electricity supply and installation, and guided on the techniques and methods of handling electrical systems and circuitry.
Course Duration	▪ 6 months

Enrolment Criteria	▪ SPM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Kedah Industrial Skill and Management Development Centre
Certificate in Plastic Technology	
Introduction	This programme is designed to introduce participants to the field of plastic technology. Participants would be exposed and guided in the basic process of plastic injection moulding to the basic management of such operations. Participants would be led through theoretical, as well as practical session. Upon completion of the programme, participants are expected to have acquired the skills and knowledge necessary to begin a successful career in plastic industry.
Course Duration	▪ 6 months

Enrolment Criteria	▪ SPM / SPVM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Kedah Industrial Skill and Management Development Centre
Electrician-Domestic & Industrial Levels 1, 2 & 3	
Introduction	This programme is designed to provide participants with a thorough understanding of electrical systems and functions for those who aspire to develop a career in the filed of electrical engineering. Tailored to suit the requirements and standards set by the NVTC, this programme is divided into 2 levels. The first level introduces to the basic understanding and knowledge of measurement, installation and troubleshooting of electrical system and equipment. At the second level, wider exposure and emphasis would be placed on the techniques of maintenance, operations and installations of more complex electrical systems and facilities. Upon completion of the programme, participants are expected to have sound knowledge of the duties and functions of an electrician, as well as able to perform work functions effectively.
Course Duration	▪ 24 months

Enrolment Criteria	▪ SPM / SPVM holders:
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & two (2) any other subjects and passes mathematics, or
	  ▪ Pass SPM/SPVM/SMA with credit in Bahasa Malaysia & three (3) any other subjects and passes mathematics (including July paper)

Institutes Offering	▪ Kedah Industrial Skill and Management Development Centre