

**KURSUS JANGKA PENDEK DI ILP PASIR GUDANG TAHUN 2014/2015**  
**SHORT TERM COURSES OFFERED AT ILP PASIR GUDANG 2014/2015**

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Institut Latihan Perindustrian (ILP) Pasir Gudang, Jalan Gangsa, 81700 Pasir Gudang Johor  
 || Tel: 07-2544170 || Faks: 07-2511910 || website: www.ilppg.gov.my

BIL NO	BAHAGIAN DEPARTMENT	KOD KURSUS COURSE CODE	TAJUK KURSUS COURSE TITLE	KANDUNGAN KURSUS COURSE CONTENT	TEMPOH (JAM) DURATION (HRS)	BILANGAN PESERTA (orang) CAPACITY (pax)	YURAN / PESERTA FEES/PAX (RM)	PEGAWAI UNTUK DIHUBUNGI CONTACT PERSON
1	Teknologi Instrumen Perindustrian & Kawalan	IP/T1/01/05	Modul 1 - Control Valve Maintenance	1. Maintain control valve moving mechanism 2. Carry out control valve positioned service 3. Carry out control valve leak test 4. Overhaul control valve	16	10	244.00	Nama : Pn Noorzilah Jamaluddin No Tel : 0197078196 Emel : nju238@gmail.com
2	Teknologi Instrumen Perindustrian & Kawalan	IP/T1/02/05	Modul 2 - Instrument Safety Procedure	1. Maintain relay function 2. Maintain limit switch function 3. Carry out smoke detector checks 4. Carry out fire alarm function check 5. Carry UV/IR detector check 6. Carry out gas detector check 7. Carry out solenoid function check 8. Carry out heat detector check	24	10	243.00	Nama : Tn Hj Saidon bin Sarbini No Tel : 0137785141 Emel : sitdonmy@yahoo.com.sg
3	Teknologi Instrumen Perindustrian & Kawalan	IP/T1/03/05	Modul 3 - Instrument Calibration	1. Carry out pressure switch calibration 2. Carry out temperature switch calibration 3. Carry out level switch calibration 4. Carry out flow switch calibration 5. Carry out pressure transmitter calibration 6. Carry temperature transmitter calibration 7. Carry out level switch calibration 8. Carry out flow transmitter calibration 9. Carry out current to pneumatic calibration	24	10	243.00	Nama : Pn Suzana bt Suradi No Tel : 0167803144 Emel : sue_gie81@yahoo.com
4	Teknologi Instrumen Perindustrian & Kawalan	IP/T1/04/05	Modul 4 - Process Control System	1. Carry out controller function check 2. Carry out control loop function check 3. Carry out control loop logic function check 4. Troubleshoot control system fault 5. Troubleshoot control system fault 6. Evaluate process characteristic data 7. Carry out process loop tuning 8. Carry out cascade loop parameter setting 9. Carry out override loop parameter setting 10. Carry out feed forward-feedback loop parameter setting	48	10	486.00	Nama : En Wan Nazli bin Abd. Hamid No Tel : 0167363976 Emel : wfm_s@yahoo.com
5	Teknologi Instrumen Perindustrian & Kawalan	IP/T1/05/05 # Lengkap semua 5 modul melayakkan calon mohon SKM 2 & SKM3	Modul 5 - Instrument Maintenance	1. Carry out pneumatic transmission lines installation 2. Carry out electrical transmission lines installation 3. Troubleshoot pressure transmitter fault 4. Troubleshoot temperature transmitter fault 5. Troubleshoot flow transmitter fault 6. Troubleshoot level transmitter fault 7. Carry out instrument air regulator servicing 8. Carry out instrument air dryer sequence 9. Carry out filter regulator service 10. Troubleshoot air dryer control & monitoring instrument fault 11. Troubleshoot air compressor control & monitoring instrument fault 12. Maintain instrument air system sequence 13. Carry out process recorder calibration	40	10	280.00	Nama : Tn Hj Saidon bin Sarbini No Tel : 0137785141 Emel : sitdonmy@yahoo.com.sg
6	Teknologi Elektronik Industri	IE/T1/01/05	Measurement Instrument	1. Introduction and Application of Analogue Multimeter 2. Introduction and Application of Digital Multimeter 3. Introduction and Application of Oscilloscope 4. Introduction and Application of Tacho Generator	32	8	460.00	Nama : Nur Nabillah Binti Abdullah No Tel : 016-4105540 Emel : nabillah.mohamed@jtm.gov.my
7	Teknologi Elektronik Industri	IE/T1/02/05	Electronic Fundamental	1. Introduction to Passive Components - Resistor, Capacitor, Inductor, Transformer 2. Ohm's Law & Kirchoff Law 3. Series and Parallel Circuit 4. Introduction to Active Components - Diode, transistor, MOSFET, triac, diac, JFET 5. Introduction to Analog Integrated Circuit (IC) - Structure and type of operational amplifier - Operational of voltage regulator	48	8	690.00	Nama : Nur Nabillah Binti Abdullah No Tel : 016-4105540 Emel : nabillah.mohamed@jtm.gov.my
8	Teknologi Elektronik Industri	IE/T1/03/05	Electronic Project	1. Produce Electronic Schematic Drawing 2. Draw Printed Circuit Board 3. Construct Electronic Project - Introduction to Soldering Equipment - Introduction to Soldering Technique - Soldering Equipment Handling 4. Produce Mechanical Drawing	48	8	590.00	Nama : Nur Nabillah Binti Abdullah No Tel : 016-4105540 Emel : nabillah.mohamed@jtm.gov.my
9	Teknologi Elektronik Industri	IE/T1/04/05	Fault Finding	1. Produce Block Diagram - Interpret process sequence 2. Visual Check on Defect Component - Burned marked, colour change, smell, burned fuse, noise, vibration 3. Check for Faulty Hardware - Function and Specification of Hardware and cable - Circuit Diagram and printed circuit board - Ways to find out faulty hardware using test pen, multimeter, oscilloscope, function generator	16	8	230.00	Nama : Nur Nabillah Binti Abdullah No Tel : 016-4105540 Emel : nabillah.mohamed@jtm.gov.my

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10	Teknologi Elektronik Industri	IE/T1/05/05	Basic Programmable Logic Controller (PLC)	1. PLC in the Automated System 2. Structure of PLC - PLC description in an automated system - Power Supply - The input / output interface - The bus - The network - The Memories - Extension Racks - Wiring - The programming and languages 3. Application Example of Basic Command - Overview of Instruction - Self holding circuit - Ladder Diagram to Mnemonic Code	32	8	460.00	Nama : Nur Nabilah Binti Abdullah No Tel : 016-4105540 Emel : nabilah.mohamed@jtm.gov.my
11	Teknologi Elektronik Industri	IE/T2/01/05	Basic Electric Motor	1. DC Motor - Type, Specification and Characteristic 2. AC Motor - Type, Specification and Characteristic 3. Servo System - Components, Function and Schematic Diagram	16	8	330.00	Nama : Nur Nabilah Binti Abdullah No Tel : 016-4105540 Emel : nabilah.mohamed@jtm.gov.my
12	Teknologi Elektronik Industri	IE/T2/02/05	Pneumatic and Electro Pneumatic System	1. Introduction to pneumatic and electro-pneumatic system - characteristic and application - component of a pneumatic and electro-pneumatic system - symbol and standard 2. Type of components and application: - air generation and distribution - actuator and output device - directional control valves - solenoid 3. Non return, flow and pressure valves, valves combination 4. Methods for developments of pneumatic system - development of single actuator circuits - development of multiple actuator circuit 5. Design and construction of electro pneumatic 6. Control circuit and troubleshoot	32	8	460.00	Nama : Nur Nabilah Binti Abdullah No Tel : 016-4105540 Emel : nabilah.mohamed@jtm.gov.my
13	Teknologi Elektronik Industri	IE/T2/03/05	8. Hydraulic and Electro Hydraulic System	1. Introduction to Hydraulic / Electro Hydraulic 2. Application of Hydraulic / Electro Hydraulic 3. Graphic Circuit and Symbols 4. Hydraulic System and Components 5. Reading / Design of Electrical Control Schematic 6. Application Circuit and Troubleshoot 7. Design and Construction of Electro Hydraulic Control Circuit and Troubleshoot	32	8	460.00	Nama : Nur Nabilah Binti Abdullah No Tel : 016-4105540 Emel : nabilah.mohamed@jtm.gov.my
14	Teknologi Elektronik Industri	IE/T2/04/05	Electrical/ Electronic Equipment Maintenance	1. Measuring Instrument - Range and parameter of measurement - Calibration of measuring equipment - Cable / Terminal of Electronic/Electrical System - Cable marking, size, rating and application - Cable testing, connection and termination of cable 2. Visual Display Unit (VDU)	32	8	460.00	Nama : Nur Nabilah Binti Abdullah No Tel : 016-4105540 Emel : nabilah.mohamed@jtm.gov.my
15	Teknologi Elektronik Industri	IE/T2/05/05	Electronic Troubleshooting	1. Testing on Radio - Block Diagram of Radio Superheterodyne - Frequency Modulation and Amplitude Modulation 2. Testing on TV Set - Block Diagram of TV - TV Principles - Basic Audio and Video Amplifier i.e. contrast, colour, brightness and channel - Tune channel, volume, local oscillator - Basic Radio Transmitter and Receiver 3. Replace Faulty Component and Card/Board	32	8	460.00	Nama : Nur Nabilah Binti Abdullah No Tel : 016-4105540 Emel : nabilah.mohamed@jtm.gov.my
16	Teknologi Elektronik Industri	IE - 001	Automation System	1. Download of PC and PLC System - Type of PLC and PC - Type of program-multi language, ladder diagram, statement list - Integrated communication between software and hardware 2. Apply Electro-pneumatic interfacing with PLC - Combinational logic control hardware - Identify sequential logic control hardware - Identify method of circuit design	32	8	460.00	Nama : Nur Nabilah Binti Abdullah No Tel : 016-4105540 Emel : nabilah.mohamed@jtm.gov.my
17	Teknologi Kimpalan Arka dan Gas	KIMP/T1/01/02	Welding Carbon Steel Plate Using SMAW Process in 1G Position	1. Welding Safety 2. Cutting Process 3. Introduction on SMAW Process 4. Quality Control 5. Perform Welding Using SMAW 6. Process in 1G Position	40	10	1,332.00	Nama : En. Faizal bin Yusof / En. Mohd Shukeri bin Shamsudin No Tel : 07-2544170 SAMB 4143
18	Teknologi Kimpalan Arka dan Gas	KIMP/T1/02/02	Welding Carbon Steel Plate Using SMAW Process in 3F & 4F Position	1. Welding Safety 2. Cutting Process 3. Quality Control 4. Perform Welding Using SMAW 5. Process in 3F & 4F Position	40	10	1,332.00	Nama : En. Faizal bin Yusof / En. Mohd Shukeri bin Shamsudin No Tel : 07-2544170 SAMB 4144
19	Teknologi Kimpalan Arka dan Gas	KIMP/T2/01/02	Welding Carbon Steel Plate Using SMAW Process in 3G & 4G Position	1. Welding Safety 2. Cutting Process 3. Quality Control 4. Perform Welding Using SMAW 5. Process in 3G & 4G Position	80	10	2,413.00	Nama : En. Faizal bin Yusof / En. Mohd Shukeri bin Shamsudin No Tel : 07-2544170 SAMB 4145
20	Teknologi Kimpalan Arka dan Gas	KIMP/T2/02/02	Welding Carbon Steel Plate Using SMAW Process in 6G Position	1. Welding Safety 2. Cutting Process 3. Quality Control 4. Perform Welding Using SMAW 5. Process in 6G Position	80	10	2,638.00	Nama : En. Faizal bin Yusof / En. Mohd Shukeri bin Shamsudin No Tel : 07-2544170 SAMB 4146

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21	Teknologi Kimpalan Arka dan Gas	KIM - 001	Welding Carbon Steel Plate Using SMAW Process in 6GR Position	1. Welding Safety 2. Cutting Process 3. Quality Control 4. Perform Welding Using SMAW 5. Process in 6GR Position	80	10	2,638.00	Nama : En. Faizal bin Yusof / En. Mohd Shukeri bin Shamsudin No Tel : 07-2544170 SAMB 4145
22	Teknologi Rekabentuk Produk Industri	IPD/T3/01/10	Modul 1 - Supervisory Management	1. Ensure Safe Working Environment 2. Prepare Work Schedule 3. Monitor Work Progress 4. Estimate and Costing 5. Conduct Meeting 6. Coordinate Internal Discussion 7. Execute model making 8. Coordinate External Discussion 9. Conduct In-House Training	40	20	126.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
23	Teknologi Rekabentuk Produk Industri	IPD/T3/02/10	Modul 2 - 3D Auto Desk Inventor (3D Modelling)	1. Introduction Software 2. 3D design command 3. Advanced 4. Fundamental 5. Work Environment 6. Part Assemblies	80	16	279.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
24	Teknologi Rekabentuk Produk Industri	IPD/T3/03/10	Modul 3 - 2D & 3D AutoCAD Interpreted Drawing	1. Introduction to CAD ,setting-up drawing, drawing display, coordinate system, inquiry, draw, editing commands layer & object properties, hatching etc. 2. Preparation of drawing, common elements in drafting, industrial practices relating to drawing	80	16	272.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
25	Teknologi Rekabentuk Produk Industri	IPD/T3/04/10	Modul 4 - Rapid Prototyping	1. Carry out prototyping method selection 2. Prepare prototyping material 3. Carry out prototyping fabrication 4. Prepare prototype finishing 5. Carry out prototype component assembly	40	10	293.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
26	Teknologi Rekabentuk Produk Industri	IPD/T3/05/10	Modul 5 - Design Mock-up & Model Making	1. Construct physical mock-up 2. Refine physical mock-up 3. Finalize design mock-up 4. Prepare physical mock-up 5. Prepare model making material 6. Prepare standard components 7. Execute model making	40	10	393.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
27	Teknologi Rekabentuk Produk Industri	IPD/T3/06/10	Modul 6 - Multimedia Graphic Design (Illustrator & Photoshop)	1. Determine graphic software 2. Apply graphic design	40	16	152.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
28	Teknologi Rekabentuk Produk Industri	IPD/T3/07/10	Modul 7 - Multimedia Animation Design (FLASH)	1. Determine animation software 2. Apply animation design	40	16	152.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
29	Teknologi Rekabentuk Produk Industri	IPD/T3/08/10	Modul 8 - Fiber Glass Modelling	1. Determine fiberglass modeling procedure 2. Laminate process 3. Identify fiberglass modeling tools and its properties 4. Understanding procedures of fiberglass modeling 5. Reference on model drawing	80	10	586.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
30	Teknologi Rekabentuk Produk Industri	IPD/T3/09/10	Modul 9 - Air Brush Decoration	1. Perform airbrush decoration 2. Present finish model	40	10	383.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
31	Teknologi Rekabentuk Produk Industri	IPD/T3/10/10	Modul 10 - Concept Sketches Product Designs	1. Carry out object sketches 2. Carry out idea generation 3. Carry out design development 4. Enhance project proposal sketches 5. Perform digital sketching	40	15	195.00	Nama : Pn Junaidah binti Sulaiman No Tel : 07-2544170 SAMB 4095
32	Teknologi Elektrik Tiga Fasa	ELEK/T1/01/03	Modul 1 - Design 1 Phase Electrical Drawing	1. Perform 1 phase layout drawing 2. Perform 1 phase single line drawing 3. Perform 1 phase wiring drawing	24	8 orang	230.00	Nama : Muslihah binti Saman No Tel : 07-2544170
33	Teknologi Elektrik Tiga Fasa	ELEK/T1/02/03	Modul 2 - Perform Domestic Wiring	1. Carry out 1 phase surface wiring 2. Carry out 1 phase concealed wiring 3. Carry out 1 phase conduit wiring 4. Carry out 1 phase trunking wiring 5. Install distribution board 6. Install domestic earthing system	72	8 orang	960.00	Nama : Muslihah binti Saman No Tel : 07-2544171
34	Teknologi Elektrik Tiga Fasa	ELEK/T1/03/03	Modul 3 -Perform Industrial Wiring & Electrical Testing	1. Install DC motor 2. Maintain DC system 3. Troubleshoot 1 phase wiring / fitting fault 4. Troubleshoot 1 phase appliance / machinery fault 5. Carry out 1 phase continuity test 6. Carry out 1 phase polarity test 7. Carry out 1 phase insulation test 8. Carry out 1 phase earthing test 9. Carry out 1 phase residual current circuit breaker test 10. Carry out 1 phase loop test	72	8 orang	960.00	Nama : Muslihah binti Saman No Tel : 07-2544172
35	Teknologi Elektrik Tiga Fasa	ELEK/T2/01/04	Modul 1 - Design 3 Phase Electrical Drawing	1. Perform 3 phase layout drawing 2. Perform 3 phase single line drawing 3. Perform 3 phase wiring drawing	24	8 orang	230.00	Nama : Muslihah binti Saman No Tel : 07-2544173
36	Teknologi Elektrik Tiga Fasa	ELEK/T2/02/04	Modul 2 - Perform Industrial Wiring	1. Carry out 3 phase concealed wiring 2. Carry out 3 phase conduit wiring 3. Carry out 3 phase cable tray / trunking wiring 4. Carry out ducting installation 5. Install 3 phase distribution board 6. Install industrial earthing system	60	8 orang	840.00	Nama : Muslihah binti Saman No Tel : 07-2544174
37	Teknologi Elektrik Tiga Fasa	ELEK/T2/03/04	Modul 3 -Perform Electrical Testing	1. Carry out 3 phase continuity test 2. Carry out 3 phase insulation test 3. Carry out 3 phase residual current circuit breaker test 4. Carry out 3 phase sequence test	24	8 orang	230.00	Nama : Muslihah binti Saman No Tel : 07-2544175

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38	Teknologi Elektrik Tiga Fasa	ELEK/T2/04/04	Modul 4 - Perform 3 Phase AC Motor	1. Carry out motor control wiring 2. Troubleshoot 3 phase wiring / fitting fault 3. Troubleshoot 3 phase appliance / machinery fault 4. Troubleshoot control system fault 5. Maintain electrical installation	60	8 orang	840.00	Nama : Muslihah binti Saman No Tel : 07-2544176
39	Teknologi Elektrik Tiga Fasa	ELEK - 001	Pendawai PW2 (SURUHANJAYA TENAGA)	Modul 1 - Motor satu fasa Modul 2 - Asas Elektrik Modul 3 - Alat tambah pendawaian Elektrik Modul 4 - Sistem pendawaian Modul 5 - Kabel Modul 6 - Litar - litar pendawaian Modul 7 - Alat peranti perlindungan Modul 8 - Pengujian pemasangan Modul 9 - Litar akhir Modul 10 - Lukisan perbentangan satu fasa Modul 11 - Faktor kepelbagaian Modul 12 - Pembumian Modul 13 - Asas alat ubah Modul 14 - Motor satu fasa	280	10	5,580.00	Nama : Muslihah binti Saman No Tel : 07-2544177
40	Teknologi Elektrik Tiga Fasa	ELEK - 002	Pendawai PW4 (SURUHANJAYA TENAGA)	Modul 1 - Keselamatan dan akta bekalan elektrik Modul 2 - Elektrik asas Modul 3 - Alat uji dan pengukur elektrik Modul 4 - Reka bentuk pemasangan Modul 5 - Kabel Modul 6 - Sistem pemadam api Modul 7 - Sistem pendawaian tiga fasa Modul 8 - Sistem perlindungan pengguna Modul 9 - Sistem penghawa dingin Modul 10 - Papan suis utama Modul 11 - Motor dan sistem kawalan Modul 12 - Pembumian pengguna Modul 13 - Sistem tiga fasa Modul 14 - Alat ubah	280	10	5,780.00	Nama : Muslihah binti Saman No Tel : 07-2544178
41	Penjaga Jentera Elektrik Voltan Rendah	ELEK - 003	Penjaga Jentera Elektrik Kategori A0 (SURUHANJAYA TENAGA)	Modul 1 - Keselamatan & Akta Bekalan Elektrik Modul 2 - Asas Elektrik Modul 3 - Sistem Pemasangan Elektrik Modul 4 - Sistem Perlindungan Litar Modul 5 - Kabel Modul 6 - Motor Elektrik Modul 7 - Papan Suis Utama Modul 8 - Alatubah Modul 9 - Sistem Pendingin Udara Modul 10 - Sistem Automosi	360	10 - 15	2,300.00	NAMA : Mohd Khairul bin Ramlan NO TEL :07-2544170 EMEL :electricalman5859@yahoo.com
42	Teknologi Pembuatan (Perkakasan)	PEMK/T3/01/03	Modul 01 - Metallurgy and Metrology	1. Progressive die component drawing interpreted, component obtained, 2D profile measured and data recorded 2. CMM set up, part dimension and profile measured and data printed 3. Hardness test conducted and result recorded 4. Component drawing interpreted, component inspection checklist assessed and die part inspection check sheet validated.	40	8	304.00	Nama : Mohd Saiful Amri bin Ahmad No Tel : 07-254 4192
43	Teknologi Pembuatan (Perkakasan)	PEMK/T3/02/03	Modul 02 - Basic CNC Lathe	1. CNC lathe machine set up, cutting tool set up and workpiece set up. 2. CNC turning program keyed-in and transferred. 3. Workpiece machined and finished in accordance to part standard requirement and part drawing specifications.	40	8	616.00	Nama : Mohd Saiful Amri bin Ahmad No Tel : 07-254 4192
44	Teknologi Pembuatan (Perkakasan)	PEMK/T3/03/03	Modul 03 - Basic CNC Milling	1. CNC milling machine, cutting tool and workpiece set up. 2. CNC milling program keyed-in and transferred. 3. Workpiece machined and finished in accordance to part standard requirement and part drawing specifications.	40	8	616.00	Nama : Mohd Saiful Amri bin Ahmad No Tel : 07-254 4192
45	Teknologi Pembuatan (Perkakasan)	PEMK/T2/01/01	Die Design	1. Interpret product Design 2. Identify Die Design 3. Identify 2D CAD software 4. Draw details and assembly single and compound die drawing 5. Obtain single and compound die and assembly drawing 6. Interpret drawing instruction 7. Interpret and check drawing symbol 8. Check single and compound die drawing layout 9. Record die component and assembly drawing data	80	10	586.00	Nama : Mohd Saiful Amri bin Ahmad No Tel : 07-254 4192
46	Teknologi Pemesinan CNC	CNC/T2/01/04	CNC Lathe Operation	This module is designed to enable participant to acquire knowledge and skill in operating of CNC Lathe Operation programming and actual machining process.	60	10	339.00	Nama : En Rahmat bin Ahmad NO Tel : 07-2544197
47	Teknologi Pemesinan CNC	CNC/T2/02/04	CNC EDM Wirecut Operation	This module is designed to enable participant to acquire knowledge and skill in operation of CNC EDM Wirecut programming and actual machining.	60	10	439.00	Nama : En Rahmat bin Ahmad NO Tel : 07-2544198
48	Teknologi Pemesinan CNC	CNC/T2/03/04	CNC Milling Operation	This module is designed to enable participant to acquire knowledge and skill in operation of vertical Milling Machine. Participant will be taught theory and practical skill of various milling technique.	60	10	339.00	Nama : En Rahmat bin Ahmad NO Tel : 07-2544199
49	Teknologi Pemesinan CNC	CNC/T2/04/04	CNC EDM Die Sinker Operation	This module is designed to enable participant to acquire knowledge and skill in operation of CNC EDM Die Sinking programming and actual machining.	60	10	339.00	Nama : En Rahmat bin Ahmad NO Tel : 07-2544200
50	Teknologi Pemesinan CNC	CNC/T3/01/01	CAD Operation 1 - 2D	This module is designed to enable participant to acquire knowledge and skill in operation of Computer Aided Design Software. Participants will be introduce to Autocad software and generate and plot 2D drawing	64	10	2,625.00	Nama : En Rahmat bin Ahmad NO Tel : 07-2544201

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51	Teknologi Pemesinan CNC	CNC/T4/01/02	CAD Operation 2 - 3D	This module is designed to enable participant to acquire knowledge and skill in operation of Computer Aided Design Software. Participants will be introduced to AutoCAD software and generate and plot 3D drawing	64	10	321.00	Nama : En Rahmat bin Ahmad No Tel : 07-2544202
52	Teknologi Pemesinan CNC	CNC/T4/02/02	Supervisory Function	This module is designed to enable participant to acquire knowledge and skill in Supervisory Function. Participants will be introduced to soft skill management topics.	80	15	266.00	Nama : En Rahmat bin Ahmad No Tel : 07-2544203
53	Teknologi Pemesinan Am	PA/T1/01/06	Engineering drawing	Produce engineering drawing using various type of measuring equipment, measuring check sheet, parts sample, parts drawing, stationeries, drawing equipment, geometric dimensioning and tolerance reference chart so that parts drawing interpreted, measuring instrument and gauge selected, parts measured, measuring data confirmed, geometric dimensioning and tolerance point identified, geometric dimensioning and tolerance (GD&T) point recorded, drawing instrument selected, technical free hand drawing sketched, orthographic and isometric drawing drawn, drawing quality reviewed and geometric dimensioning and tolerance point identified in accordance parts specifications and drawing standard requirements	48	10	432.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153830
54	Teknologi Pemesinan Am	PA/T1/02/06	Benchwork	Perform bench work using work piece, hand tools, cleaning tools, engineer square, surface table, parts drawing, hand saw, power hacksaw, linear measurement tools, cutting fluid, bench vise, machine vise, marking media, anvil, drilling machine, drill chuck, drilling sleeve and socket, drill bits, parallel block, machine manual, center drill, reamer, gauges, tap, screw, tap wrench, die stock, dial indicator and counter bore/countersink so that parts drawing interpreted, work piece set up, bench work equipments, tools set up, bench work process executed, parts specifications confirmed in accordance with part specification requirement.	56	10	536.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153831
55	Teknologi Pemesinan Am	PA/T1/03/06	Machine Maintenance 1	Perform machine and equipment maintenance using machine and equipment manual, machine tools, routine maintenance check list, maintenance check list, funnel, lubrication oil, lubricant container, oil hand pump, cotton waste, hand tools, maintenance log book, spare part, machine tools and accessories so that machinery and equipment identified, routine maintenance requirement identified, routine maintenance executed, breakdown level confirmed, minor breakdown solved and minor breakdown checklist and maintenance record revised in accordance with machine and equipment maintenance requirement.	40	10	323.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153832
56	Teknologi Pemesinan Am	PA/T1/04/06	Turning Operation 1	Perform turning operations using lathe machine, machine chuck, measuring equipments, parts drawing, turning tools, machine manual, tool holder, cutting tool, work piece holding devices and work piece supporting devices so that part drawing interpreted, lathe machine set up, cutting tool set up, work piece set up, turning operation executed and finished component specifications confirmed in accordance with drawing specification.	56	10	536.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153833
57	Teknologi Pemesinan Am	PA/T1/05/06	Milling Operation 1	Perform milling operation using milling machine, cutting tools, tool holding devices, milling clamping devices, work piece supporting devices, milling attachments, measuring equipments, hand tools, part drawing, machine manual, dial indicator and edge finder so that part drawing interpreted, milling machine set up, milling tools set up, work piece set up, milling operation executed and part specifications confirmed in accordance with drawing specification.	48	10	490.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153834
58	Teknologi Pemesinan Am	PA/T1/06/06	Grinding Operation 1	Perform grinding operation using surface grinding machine, tool and cutter grinding machine, precision vise, magnetic chuck, grinding wheel, parting wheel, work piece, surface comparator, parallel block, parts drawing, diamond dresser and balancing equipment tool and cutter grinder, precision chuck, blunt cutter/drill bits, angle protector, measurement equipment and machine manual so that part drawing interpreted, grinding machine set up, grinding wheels set up, work piece set up, work piece grinded, finished component specifications confirmed, cutting tool set up, tool and cutter grinder machine executed and tool and cutter grinded in accordance with drawing, product and tools specification.	56	10	536.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153835
59	Teknologi Pemesinan Am	PA/T2/01/05	Engineering drawing 2	Perform Engineering Drawing Using Part Sample, Cad Software, Cad Workstation, Data Sheet, Plotter, Paper And Measuring Instruments So That Part Sample Are Obtained, Sketched, 2d (Cad) Drawing Generated And Part Drawing Are Confirmed In Accordance With Drawing Standard.	40	10	393.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153836
60	Teknologi Pemesinan Am	PA/T2/02/05	Machine Maintenance 2	Carry Out Machine Maintenance Using Machine And Equipment Manual, Maintenance Check List, Log Book, Lubricant, Hand Pump, Tools And Accessories So That Machinery And Equipment Identified, Preventive Maintenance Executed, Breakdown Level Evaluated, Major Breakdown Solved And Maintenance Report Recorded In Accordance With Machine Manual And Standard Operating Procedure	50	10	501.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153837
61	Teknologi Pemesinan Am	PA/T2/03/05	Turning Operation 2	Carry Out Turning Operation Using Lathe Machine, Machine Chuck, Accessories, Hand Tools, Work Piece, Part Drawing, Machine Manual, Measuring Equipment So That Part Drawing Interpreted, Lathe Machine Is Setup, Work Piece Is Setup, Cutting Tools Is Setup And Turning Process Executed In Accordance With Standard Operating Procedure And Drawing Specification.	72	10	629.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153838
62	Teknologi Pemesinan Am	PA/T2/04/05	Milling Operation 2	Carry Out Milling Operation Using Milling Machine, Accessories, Hand Tools, Work Piece, Part Drawing, Machine Manual And Measuring Equipment So That Part Drawing Interpreted, Milling Machine Is Setup, Work Piece Is Setup, Cutting Tools Is Setup And Milling Process Executed In Accordance With Standard Operating Procedure And Drawing Specification.	70	10	618.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153839

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63	Teknologi Pemesinan Am	PA/T2/05/05	Grinding Operation 2	Carry Out Grinding Operation Using Surface Grinding Machine, Cylindrical Grinding Machine, Accessories, Hand Tools, Grinding Wheel, Work Piece, Measuring Instrument, Part Drawing And Machine Manual So That Part Drawing Interpreted, Grinding Machine Set Up, Work Piece Set Up, Grinding Wheel Set Up, Work Piece Setup, Work Piece Ground In Accordance With Standard Operating Procedure And Drawing Specification.	67	10	600.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153840
64	Teknologi Pemesinan Am	PA/T3/01/05	Engineering drawing 3	Perform engineering drawing (using draughting software), fundamental Design and interpret complex assemble drawing (to include knowledge on cam) so that drawing of part/component generated from computer is according to specified requirement standard, actual shape and dimension of the part/component in the drawing and the geometrical tolerances & allowances is obtained.	48	10	432.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153841
65	Teknologi Pemesinan Am	PA/T3/02/05	Machine Maintenance 3	Evaluate maintenance work using machine and equipment list, machine equipment manual, maintenance check list, spare parts inventory list, maintenance log book, storage cabinet, hand tools inventory list, machine and equipment maintenance manual and production plan so that machinery and equipment identified, machine and equipment maintenance manual interpreted, maintenance schedule/checklist requirement checked and maintenance schedule/checklist updated in accordance with maintenance schedule requirement.	40	10	393.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153842
66	Teknologi Pemesinan Am	PA/T3/03/05	Turning Operation 3	Perform turning operation using lathe machine, machine chuck, accessories, hand tools, work piece, part drawing, machine manual, measuring equipment so that part drawing interpreted, lathe machine is setup, work piece is setup, turning process executed and finish part confirmed in accordance with standard operating procedure and drawing specification.	72	10	547.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153843
67	Teknologi Pemesinan Am	PA/T3/04/05	Milling Operation 3	Perform milling operation using milling machine, accessories, hand tools, work piece, part drawing, machine manual and measuring equipment so that part drawing interpreted, milling machine is setup, work piece is setup, cutting tools is setup and milling process executed in accordance with standard operating procedure and drawing specification.	72	10	547.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153844
68	Teknologi Pemesinan Am	PA/T3/05/05	Grinding Operation 3	Perform grinding operation using centreless grinding machine, tool & cutter grinding machine, accessories, hand tools, grinding wheel, work piece, measuring instrument, part drawing and machine manual so that part drawing interpreted, grinding machine set up, work piece set up, grinding wheel set up, work piece setup, work piece ground in accordance with standard operating procedure and drawing specification surface finish of Ra. and standard operation procedure (S.O.P.),etc: ISO, BS and ASM.	72	10	547.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153845
69	Teknologi Pemesinan Am	PA/T4/01/10	Turning Operation 4	Carry out CNC turning operation using CNC lathe machine, machine operating manual, cutting tools (CNC lathe), measuring instrument, tool holder (CNC lathe), chuck, gauge, tool setter, part drawing, work piece material so that part drawing interpreted, CNC lathe machine is setup, CNC programming generated, work piece is setup, CNC turning process executed and finished part confirmed in accordance with standard operating procedure and drawing specification.	64	10	510.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153846
70	Teknologi Pemesinan Am	PA/T4/02/10	Milling Operation 4	Carry out CNC milling operation using CNC Milling machine, CNC Milling machine accessories, machine operating manual, milling cutter, measuring instrument, tool holder (CNC Milling), machine vise, gauge, tool setter, parts drawing, work piece material and drill bits so that part drawing interpreted, CNC programme generated, CNC Milling machine is set up, work piece is setup, CNC Milling process executed and finished part checked in accordance with standard operating procedure and drawing specification.	48	10	433.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153847
71	Teknologi Pemesinan Am	PA/T4/03/10	Grinding Operation 4	Carry out CNC grinding operation using CNC grinding machine, machine operating manual, grinding wheels, measuring Instrument, tool holder, diamond dresser, radius gauge, parts drawing, work piece material and surface comparator so that part drawing interpreted, CNC programmed generated, grinding machine set up, work piece set up, work piece ground and finished part checked in accordance with standard operating procedure and drawing specification.	48	10	435.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153848
72	Teknologi Pemesinan Am	PA/T4/04/10	Electrical Discharged Machine (Edm) Operation 1	Carry out CNC EDM wire cut operation using CNC EDM wire cut machine, wire electrode, dial indicator, machine manual, measuring instrument, surface comparator, calliper and machine accessories and part drawing so that part drawing interpreted, CNC programmed generated, CNC EDM wire cut machine set up, work piece set up, CNC EDM wire cut machining executed and finished part confirmed in accordance with standard operating procedure and drawing specification.	64	10	512.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153849
73	Teknologi Pemesinan Am	PA/T4/05/10	Machining Supervisory	Perform grinding operation using centreless grinding machine, tool & cutter grinding machine, accessories, hand tools, grinding wheel, work piece, measuring instrument, part drawing and machine manual so that part drawing interpreted, grinding machine set up, work piece set up, grinding wheel set up, work piece setup, work piece ground in accordance with standard operating procedure and drawing specification surface finish of Ra. and standard operation procedure (S.O.P.),etc: ISO, BS and ASM.	40	10	393.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153850
74	Teknologi Pemesinan Am	PA/T4/06/10	Organise pre production activities	Conduct production function & specification analysis	64	10	509.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153851
75	Teknologi Pemesinan Am	PA/T4/07/10	Perform production planning	1. Prepare process flow planning 2. Prepare product quality requirement 3. Coordinate external manufacturing planning	130	10	967.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153852

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76	Teknologi Pemesinan Am	PA/T4/08/10	Perform product design	1. Develop concept design 2. Develop product modelling 3. Conduct product engineering analysis	130	10	967.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153853
77	Teknologi Pemesinan Am	PA/T4/09/10	Manage manufacturing activities	1. Prepare process schedule 2. Perform cam activities 3. Perform machining activities	130	10	967.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153854
78	Teknologi Pemesinan Am	PA/T4/010/10	Prepare preventive maintenance need analysis	1. Prepare preventive maintenance need analysis 2. Prepare preventive maintenance schedule 3. Prepare machine maintenance standard checklist	130	10	967.00	Nama : En Shaifulbahri bin Zakaria / En Bahrain No Tel : 016-6523246/013-7153855
79	Teknologi Mekanik Industri	MI - 001	Mechanical Maintenance (Basic)	1. Perform lubrication 2. Replace gasket, packing and seal 3. Replace bush 4. Perform bolting 5. Replace bolt and nuts 6. Extract studs 7. Join belt 8. Perform shafting 9. Join chain and link 10. Check and clean environmental control equipment 11. Adjust & replace belt and chain tension	30	10	450.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
80	Teknologi Mekanik Industri	MI - 002	Mechanical Maintenance (Intermediate)	1. Replace conveyor chain and idler 2. Joint industrial conveyor 3. Joint cable 4. Replace bearing 5. Replace coupling, clutch and shaft 6. Replace lifting cable/sling 7. Maintain lifting hooks and sling 8. Check and replace chain hoist 9. Replace gears, pulley and socket 10. Maintain air compressor	30	10	450.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
81	Teknologi Mekanik Industri	MI - 003	Measurement of Material	1. Check tension and compression 2. Check humidity 3. Check density and viscosity 4. Check speed pressure, fluid flow rate and temperature 5. Check light intensity 6. Maintain instrument and gauges. 7. Maintain calibration record	30	10	300.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
82	Teknologi Mekanik Industri	MI - 004	Joint Materials (Intermediate)	1. Joint industrial Conveyor 2. Joint cable 3. Perform plastic, arc, bronze and silver welding	15	10	325.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
83	Teknologi Mekanik Industri	MI - 005	Machine Installation	1. Locate position for installation 2. Select material and lifting equipment 3. Check machine foundation, dampor and anchor bolt 4. Secure equipment machinery to foundation 5. Check machine levelling 6. Connect mechanical facilities to equipment 7. Interpret installation and operation 8. Test run equipment machinery	30	10	450.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
84	Teknologi Mekanik Industri	MI - 006	Joint Materials (Advanced)	1. Join industrial elevator 2. Perform aluminium welding	15	10	325.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
85	Teknologi Mekanik Industri	MI - 007	Pneumatic & Electropneumatic System	1. Check relay, sensor and fuse 2. Check external leakage 3. Replace components & parts 4. Perform bleeding 5. Interpret circuit diagram 6. Check internal leakage 7. Check solenoid valve 8. Modification of system 9. Rectify pneumatic system 10. Maintain compressor system	30	10	500.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
86	Teknologi Mekanik Industri	MI - 008	Hydraulic & Electrohydraulic System	1. Check relay, sensor and fuse 2. Check external leakage 3. Replace components & parts 4. Perform bleeding 5. Interpret circuit diagram 6. Check internal leakage 7. Check solenoid valve 8. Modification of system 9. Rectify hydraulic system 10. Maintain compressor system	30	10	500.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
87	Teknologi Mekanik Industri	MI - 009	Programmable Logic Controller	1. Interpret PLC program 2. Identify input and output terminals 3. Download program to PLC 4. Diagnose faults and troubleshoot 5. Run and test program	15	10	425.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my



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88	Teknologi Mekanik Industri	MI - 010	Mechanical Maintenance (Advanced)	1. Propose maintenance schedule and checklist 2. Propose modification for maintenance and service - Identify critical spare - Check condition of gear box - Align shaft, pulley, clutch coupling and gear - Maintain and test overhead crane brake - Rectify pump	30	10	480.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
89	Teknologi Mekanik Industri	MI - 011	Preventive Maintenance of Compressor	1. General information of compressor 2. Check leakage 3. Preventive maintenance	15	10	225.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
90	Teknologi Mekanik Industri	MI - 012	Workshop Management	1. Propose workshop layout 2. Propose tooling requirement 3. Propose manpower requirement 4. Propose workshop cost budget 5. Plan work schedule 6. Plan training schedule 7. Plan out going QC system 8. Identify market standard size 9. Identify material required 10. Select position and direction for economical cutting of material - Estimation of cost	30	10	285.00	Nama : Wan Zainah Bin Wan Ismail / En Muhamad Faizul No Tel : 019-7347087 Email : wanzack_1977@yahoo.com wan.zainah@jtm.gov.my
91	Teknologi Fabrikasi Logam	FL - 001	Modul 1 - GMAW Process	1. Comply with shop & equipment safety rules 2. Adhere to worksite safety requirement 3. Perform welding defect and comply for inspection 4. Set-up gas cutting equipment and gas cutting flame 5. Weld Workpieces (GMAW PROCESS) in 1F,2F,3F POSITIONS	60	8 orang	420.00	Nama : Hairulashikin Binti Shah Johan No Tel : 012-7623809 Emel : hairulashikin@jtm.gov.my cikkeen@yahoo.com
92	Teknologi Fabrikasi Logam	FL - 002	Modul 2 - GTAW Process	1. Comply with shop & equipment safety rules 2. Adhere to worksite safety requirement 3. Perform welding defect and comply for inspection 4. Set-up gas cutting equipment and gas cutting flame 5. Weld Workpieces (GTAW PROCESS) in 1F,2F,3F	60	8 orang	2,040.00	Nama : Hairulashikin Binti Shah Johan No Tel : 012-7623809 Emel : hairulashikin@jtm.gov.my cikkeen@yahoo.com
93	Teknologi Automotif	AUTO - 001	Overhaul Petrol Engine	1. Rectify engine cooling system 2. Rectify engine lubricating system 3. Determine engine condition 4. Carry Out Engine Overhaul	40	10	460.00	Nama : Pn Nor Arniza (KB) / En Wan Mustafa No Tel : 07-2544170 samb 4184
94	Teknologi Automotif	AUTO - 002	Basic Car Service and Maintenance	1. Carry out vehicle inspection 2. Carry out engine lubrication service 3. Carry out vehicle schedule maintenance 4. Replace clutch cable 5. Rectify hydraulic clutch system 6. Rectify clutch assembly 7. Rectify drive shaft assembly 8. Rectify propeller shaft assembly 9. Rectify half shaft assembly 10. Service gear shift linkages	40	10	360.00	Nama : Pn Nor Arniza (KB) / En Wan Mustafa No Tel : 07-2544170 samb 4185
95	Teknologi Automotif	AUTO - 003	Service Car Air-Conditioning System R12 & R134A ( LEVEL 1 )	1. Replace air-conditioning belt and tensioner assembly 2. Replace air-conditioning evaporator air filter 3. Recover and recycle vehicle air-conditioning refrigerant	15	10	135.00	Nama : Pn Nor Arniza (KB) / En Shahril Azli No Tel : 07-2544170 samb 4184
96	Teknologi Automotif	AUTO - 004	Service Car Air-Conditioning System R12 & R134A ( LEVEL 2 )	1. Carry out Air-conditioning Receiver Drier Replacement 2. Carry out Air-conditioning Expansion Valve Replacement 3. Carry out Air-Conditioning system Flushing	15	10	385.00	Nama : Pn Nor Arniza (KB) / En Shahril Azli No Tel : 07-2544170 samb 4185
97	Teknologi Automotif	AUTO - 005	Service Diesel Engine Fuel System ( BASIC )	1. Determine diesel fuel system function 2. Rectify diesel pre-heating system 3. Carry Out Diesel Fuel Injectors Servicing 4. Carry Out Diesel Fuel Injection Pump Timing	30	10	360.00	Nama : Pn Nor Arniza (KB) / En Ahmad Rafidi No Tel : 07-2544170 samb 4184
98	Teknologi Automotif	AUTO - 006	Service Diesel Engine Fuel System ( ADVANCED )	Overhaul Diesel Injection Pump	40	10	450.00	Nama : Pn Nor Arniza (KB) / Tn Hj Zulkifli No Tel : 07-2544170 samb 4184
99	Teknologi Automotif	AUTO - 007	Check and Service Electronic Fuel Injection System ( BASIC & INTERMEDIATE )	1. Carry Out Fuel Tank Replacement 2. Carry Out Fuel Line Pressure Regulator Replacement 3. Carry Out Electrical Fuel pump Replacement 4. Carry Out Electronic Throttle Body Replacement 5. Carry Out Electronic Fuel Injectors Replacement 6. Carry Out Electronic Relays replacement 7. Carry Out Electronic Sensors Replacement 8. Carry Out Intercooler Unit Replacement 9. Carry Out Catalytic Converter Replacement	30	10	360.00	Nama : Pn Nor Arniza (KB) / Tn Hj Zulkifli No Tel : 07-2544170 samb 4184
100	Teknologi Automotif	AUTO - 008	Check and Service Electronic Fuel Injection System (ADVANCED)	1. Conduct Engine Management Diagnostic 2. Carry out Emission Control System Check 3. Carry Out Electronic Control Unit (ECU) Replacement	30	10	310.00	Nama : Pn Nor Arniza (KB) / Tn Hj Zulkifli No Tel : 07-2544170 samb 4184
101	Teknologi Automotif	AUTO - 009	Service Auto Electrical System ( BASIC )	1. Rectify engine ignition system 2. Rectify engine starting system 3. Rectify vehicle charging system 4. Rectify vehicle lighting system 5. Rectify vehicle headlamp alignment 6. Rectify windshield wiper system	30	10	180.00	Nama : Pn Nor Arniza (KB) / En Wan Mustafa No Tel : 07-2544170 samb 4185
102	Teknologi Automotif	AUTO - 010	Service Auto Electrical System (INTERMEDIATE )	1. Carry out Dashboard Instruments Rectification Work 2. Carry out Electrical Fan Motor Rectification Work 3. Carry Out Power Windows Rectification Work 4. Carry Out Vehicle Central Locking System Rectification Work 5. Carry out Vehicle Alarm System Rectification Work	40	10	420.00	Nama : Pn Nor Arniza (KB) / En Shahril Azli No Tel : 07-2544170 samb 4184



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BIL NO	BAHAGIAN DEPARTMENT	KOD KURSUS COURSE CODE	TAJUK KURSUS COURSE TITLE	KANDUNGAN KURSUS COURSE CONTENT	TEMPOH (JAM) DURATION (HRS)	BILANGAN PESERTA (orang) CAPACITY (pax)	YURAN / PESERTA FEES/PAX (RM)	PEGAWAI UNTUK DIHUBUNGI CONTACT PERSON
103	Teknologi Automotif	AUTO - 011	Service Auto Electrical System ( ADVANCED )	1. Carry Out Supplementary inflatable restraint system ch. Check CAN ( Control Area Network) Bus System	30	10	310.00	Nama : Pn Nor Arniza (KB) / En Dzulkiflee No Tel : 07-2544170 samb 4184
104	Teknologi Automotif	AUTO - 012	Check and Service Chassis System ( LEVEL 1 )	1. Replace brake pads and brake disc 2. Replace brake drum and brake lining 3. Rectify parking brake 4. Rectify brake master pump 5. Rectify brake callipers 6. Rectify brake wheel cylinder 7. Rectify brake wheel cylinder 8. Rectify steering tie-rod end and steering knuckle assembly 9. Replace steering rack dust cover 10. Replace front and rear wheel bearings 11. Replace vehicle suspension bushes 12. Replace front and rear shock absorbers 13. Replace vehicle leaf spring assembly	30	10	410.00	Nama : Pn Nor Arniza (KB) / En Ahmad Rafidi No Tel : 07-2544170 samb 4184
105	Teknologi Automotif	AUTO - 013	Check and Service Chassis System ( LEVEL 2 )	1. Carry Out Brake Booster Replacement 2. Carry Out Manual and Power Steering Rectification Work 3. Carry Out Tyre Changing 4. Carry Out Vehicle Wheel Balancing 5. Carry Out Vehicle Wheel Alignment	40	10	460.00	Nama : Pn Nor Arniza (KB) / En Wan Mustafa No Tel : 07-2544170 samb 4185
106	Teknologi Automotif	AUTO - 014	Check and Service Chassis System ( LEVEL 3 )	1. Conduct Anti-Lock Brake System (ABS) Diagnostic Check 2. Carry Out Anti-Lock Brake System (ABS) Rectification Work 3. Carry Out Power Steering Functionality Test	30	10	360.00	Nama : Pn Nor Arniza (KB) / En Dzulkiflee No Tel : 07-2544170 samb 4184
107	Teknologi Automotif	AUTO - 015	Check and Service Transmission System	1. Carry out Front Wheel Driveshaft Rectification Work 2. Carry Out Manual Transaxle Overhaul 3. Carry out Manual Transmission Overhaul 4. Carry Out Rear Wheel Driveshaft Rectification Work 5. Carry Out Rear Axle Overhaul	30	10	360.00	Nama : Pn Nor Arniza (KB) / En Kamalarifin No Tel : 07-2544170 samb 4184
108	Teknologi Automotif	AUTO - 016	Check and Service Auto Transmission System	1. Carry Out Inhibitor Switch Rectification Work 2. Carry Out Automatic Transaxle Overhaul 3. Carry Out Automatic Transmission Overhaul 4. Conduct Hydraulic Pressure and Stall Test 5. Carry Out Gear Shift Pattern Test	60	10	660.00	Nama : Pn Nor Arniza (KB) / En Kamalarifin No Tel : 07-2544170 samb 4184
109	Teknologi Automotif	AUTO - 017	Check and Service Transfer Box	Carry Out Four-Wheel Drive Transfer Case Overhaul	40	10	360.00	Nama : Pn Nor Arniza (KB) / Tn Hj Zulkifli No Tel : 07-2544170 samb 4184
110	Teknologi Automotif	AUTO - 018	Check and Service Turbocharger	Carry Out Turbo Charger Rectification Work	30	10	410.00	Nama : Pn Nor Arniza (KB) / En Wan Mustafa No Tel : 07-2544170 samb 4185
111	Teknologi Automotif	AUTO - 019	Check and Service Supercharger	Carry Out Super Charger Replacement	30	10	410.00	Nama : Pn Nor Arniza (KB) / En Dzulkiflee No Tel : 07-2544170 samb 4184
112	Teknologi Automotif	AUTO - 020	Supervisory Skill	1. Handle Customer's Request 2. Prepare Technical Report 3. Comply With OSHA Requirement 4. Establish Work Schedule 5. Administer Staff Briefing 6. Carry Out Section Meeting 7. Establish Section Budget 8. Administer Personnel Appraisal 9. Administer In-house Training	30	15	203.00	Nama : Pn Nor Arniza (KB) / Tn Hj Redwan No Tel : 07-2544170 samb 4184