

KURSUS JANGKA PENDEK DI ADTEC SHAH ALAM TAHUN 2014/2015
SHORT TERM COURSES OFFERED AT ADTEC SHAH ALAM 2014/2015

Untuk maklumat lanjut sila hubungi:

Pusat Latihan Teknologi Tinggi (ADTEC), Lot 5934-1, Jalan Kemuning, Seksyen 32, 40460 Shah Alam Selangor.
 || Tel: 03-5161 2622 || Faks: 03-5161 2651 || website: www.adtecsa.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 Jaminan Kualiti	QA - 001	Basic Metrology	1. One-dimensional measurement measuring technique, standard & specification 2. Linear measurement 3. Angular measurement	16	8	250.00	NAMA : Sharifah Dora NO TEL : 03-51612622 EMEL : sharifahdora@jtm.gov.my
2	Teknologi Jaminan Kualiti	QA - 002	Perform 2D Measurement	1. Types of calibration standard used for two dimensional (2D) measuring tools 2. Select suitable standard for calibration	16	8	620.00	NAMA : Sharifah Dora NO TEL : 03-51612622 EMEL : sharifahdora@jtm.gov.my
3	Teknologi Jaminan Kualiti	QA - 003	Basic Product Inspection	Conduct inspection procedure	16	8	300.00	NAMA : Sharifah Dora NO TEL : 03-51612622 EMEL : sharifahdora@jtm.gov.my
4	Teknologi Jaminan Kualiti	QA - 004	7 QC Tools	Implement Small Group Activities 1. Pareto Diagram 2. Cause & Effect Diagram 3. Histogram 4. Control Charts 5. Scatter Diagrams 6. Graphs 7. Check Sheets	16	8	300.00	NAMA : Sharifah Dora NO TEL : 03-51612622 EMEL : sharifahdora@jtm.gov.my
5	Teknologi Mekatronik	MEKA - 001	Electro-Pneumatic	1. Introduction to basic electro pneumatic 2. Types & function of electro pneumatic components & sensors 3. How to design circuit	24	12	550.00	NAMA : Mohd. Sani bin Saian NO TEL : 03-51612622 EMEL : msani@jtm.gov.my
6	Teknologi Mekatronik	MEKA - 002	Electro-Hydraulic	1. Introduction to basic electro hydraulic 2. Types & function of electro hydraulic components & sensors 3. Basic circuit	24	12	550.00	NAMA : Mohd. Sani bin Saian NO TEL : 03-51612622 EMEL : msani@jtm.gov.my
7	Teknologi Mekatronik	MEKA - 003	AUTO CADD	1. Introduction to the 2D & 3D design 2. Commands & drawing setup 3. CAD construction techniques	24	12	600.00	NAMA : Mohd. Sani bin Saian NO TEL : 03-51612622 EMEL : msani@jtm.gov.my
8	Teknologi Elektronik	ENK - 001	PLC Interface With Hydraulic/Pneumatic System	1. Applications and operations of PLC and the window-based ladder programming in factory automation systems 2. How to draw, save, edit, download program and on-line monitoring	16	5	580.00	NAMA : Norisah bt. Ahyat NO TEL : 03-51612622 EMEL : norisah@jtm.gov.my
9	Teknologi Elektronik	ENK - 002	Basic PIC Microcontroller	This workshop is designed to be beginner friendly even he/she does not have concrete basic in electrical and writing embedded program. During hands-on session, participants are given opportunities to develop program for their own PIC Microcontroller board towards sharpening their programming skills and unleash their creativity	16	5	850.00	NAMA : Norisah bt. Ahyat NO TEL : 03-51612622 EMEL : norisah@jtm.gov.my
10	Teknologi Elektronik	ENK - 003	Electrical Machine	Electrical machine is a device that convert either mechanical energy to electrical energy or vice versa, and change AC voltage from one level to another level. Electrical machines are divided into three parts: 1. Generator - AC Generator, DC Generator 2. Motor - AC Motor, DC Motor 3. Transformer	16	5	550.00	NAMA : Norisah bt. Ahyat NO TEL : 03-51612622 EMEL : norisah@jtm.gov.my
11	Teknologi Elektronik	ENK - 004	Stepper Motor	1. Describe various type of stepper motor (Unipolar/Bipolar) 2. Check the operation and troubleshoot in CW/CCW direction 3. Step and run modes 4. The effects of the slow rate and error free start-stop rate 5. Stepper motor driver circuit and construction	24	5	800.00	NAMA : Norisah bt. Ahyat NO TEL : 03-51612622 EMEL : norisah@jtm.gov.my
12	Teknologi Pembuatan	PEM - 001	CNC Milling Operation	1. Programming with osp u10m machine introduction 2. Machine coordinate system 3. Programme and block structure 4. Part programme technique 5. Setup machine operation 6. Tool setup programme 7. Dry run 8. Activate and excute programme 9. Drill and boring cycle 10. Troubleshoot, preventive and correction	40	10	1,350.00	NAMA : Asmadi bin Maelah NO TEL : 03-51612622 EMEL : asmadi@jtm.gov.my
13	Teknologi Pembuatan	PEM - 002	CNC Turning Operation	1. Programming with osp u10l machine introduction 2. Introduction of linear interpolation 3. Introduction of circular interpolation 4. Machine coordinate system 5. Machine operation setup 6. Troubleshoot, prevention and correction	40	10	1,600.00	NAMA : Asmadi bin Maelah NO TEL : 03-51612622 EMEL : asmadi@jtm.gov.my
14	Teknologi Pembuatan	PEM - 003	CNC EDM Wire Cut Operation	1. Programming 2. Conventional automatic programming 3. Wire cutting technology 4. Machining exercise	24	10	800.00	NAMA : Asmadi bin Maelah NO TEL : 03-51612622 EMEL : asmadi@jtm.gov.my
15	Teknologi Pembuatan	PEM - 004	CNC EDM Die-Sinker Operation	1. Programming 2. Conventional automatic programming 3. Die-sinker technology 4. Machining exercise	24	10	500.00	NAMA : Asmadi bin Maelah NO TEL : 03-51612622 EMEL : asmadi@jtm.gov.my
16	Teknologi Penyelenggaraan Kapal Terbang	AMT - 001	Aircraft Sheet Metal	This course introduces the participant to practices and procedures of aircraft sheet metal by referring to the CAP 741 as a guidelines. It emphasises more on practical such as mechanical fitting practices, drawing interpretation and rivetting. Upon completion, student should be able to make patch repair, joggling, insertion on aircraft skin and structure according to the CAP 741	32	10	1,100.00	NAMA : Johary bin Yahya NO TEL : 03-51612622 EMEL : johary@jtm.gov.my

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17	Teknologi Penyelenggaraan Kapal Terbang	AMT - 002	Aircraft Wiring & Looming	This course introduces the participant to practices and procedures of aircraft Weiring and looming by referring to the CAP 741 as a guidelines. It emphasises more on practical such as wire stripping and crimping ,wiring diagram intpretation, soldering, fault finding and cable looming. Upon completion, student should be able to practices aircraft electrical wiring and looming on real aircraft according to the CAP 741	32	10	950.00	NAMA : Johary bin Yahya NO TEL : 03-51612622 EMEL :johary@jtm.gov.my
18	Teknologi Penyelenggaraan Kapal Terbang	AMT - 003	Aviation Human Factor	All the candidates should be able to : 1. Define what Human Error, Hazards in the Workplace, The Bodily Function and Accidents - Murphy's Law is all about. 2. Identify the element in each Modul. 3. Identify to elaborate and discuss all the task that has been taught.	32	10	600.00	NAMA : Johary bin Yahya NO TEL : 03-51612622 EMEL :johary@jtm.gov.my
19	Teknologi Penyelenggaraan Kapal Terbang	AMT - 004	Air Legislation	All the candidates should be able to : 1. Have a good understanding of the law as it relates to Civil Aviation in term of the registration and documentation of aircraft, the responsibilities of the UK CAA and the JAA and other 2. Identify the element in each modul 3. Elaborate and discuss all the task that has been taught	32	10	1,300.00	NAMA : Johary bin Yahya NO TEL : 03-51612622 EMEL :johary@jtm.gov.my
20	Teknologi Kimpalan	KIM - 001	6G-SMAW - Carbon Steel Pipe (Licensed)	This course introduces the participants to the practices and procedures of welding carbon steel pipe in 6G using the shielded metal arc weld (SMAW) process. The course will emphasis on pipe positions, electrode selection, joint geometry, joint preparation and fit-up. Upon completion, students should be able to identify pipe positions, electrodes, proper joint geometry, joint preparation, fit-up and weld 6G position carbon steel pipe in accordance with applicable codes and standard such as ASME IX or API 1104. Successful participant will be certified in the 2G or 6G position for Pipe Welding.	40	10	1,800.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
21	Teknologi Kimpalan	KIM - 002	6G-GTAW- Carbon Steel Pipe (Licensed)	This course introduces the participants to the practices and procedures of welding carbon steel pipe in 6G using the gas tungsten arc weld (GTAW) process. It will emphasis on pipe positions, electrode selection, joint geometry, joint preparation and fit-up. Upon completion, students should be able to identify pipe positions, electrodes, proper joint geometry, joint preparation, fit-up and weld 6G position carbon steel pipe in accordance with applicable codes and standard. Successful participant will be certified in the 2G or 6G position for Pipe Welding.	40	10	2,400.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
22	Teknologi Kimpalan	KIM - 003	GMAW/MAG Welding On Carbon Steel Plate	This course will introduce the participants to the practices and procedures of welding carbon steel plate in 2G and 3G position using the gas metal arc welding (GMAW) or MIG/MAG PROCESS. It will emphasis on plate positions, selection of filler metal, joint geometry, preparation and fit-up and selection of current . Upon completion, students should be able to identify plate positions, filler metal, proper joint geometry, joint preparation, fit-up and weld 2G and 3G on carbon steel plate in accordance with applicable codes and standard.	24	10	850.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
23	Teknologi Kimpalan	KIM - 004	GMAW/MIG Welding On Aluminium Plate	This course introduces the participants to the practices and procedures of welding aluminum plate in 2F and 3F position using the gas metal arc welding (GMAW) or MIG/MAG PROCESS. It will emphasis on plate positions, selection of filler metal, joint geometry, preparation and fit-up and selection of current . Upon completion, students should be able to identify plate positions, filler metal, proper joint geometry, joint preparation, fit-up and weld 2F and 3F on aluminum plate in accordance with applicable codes and standard.	24	10	850.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
24	Teknologi Kimpalan	KIM - 005	GTAW/TIG Welding On Stainless Steel Plate	During this course, participants will learn how to perform welding of stainless steel plate of 2 mm to 3 mm thicknesses using the Gas Tungsten Arc Welding (TIG) in various position. The course will emphasis on plate positions, selection of electrode and filler metal , joint geometry, preparation and fit-up and selection of current . Upon completion, students should be able to identify plate positions, electrode, filler metal, proper joint geometry, joint preparation, fit-up and weld stainless steel plate in various position in accordance with applicable codes and standard.	24	10	960.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
25	Teknologi Kimpalan	KIM - 006	GTAW/TIG Welding On Aluminium Plate	Participants will learn how to perform welding of aluminum plate of 2 mm to 3 mm thicknesses using the Gas Tungsten Arc Welding (TIG) in various position. The course will emphasis on plate positions, selection of electrode and filler metal, joint geometry, preparation and fit-up and selection of current . Upon completion, students should be able to identify plate positions, electrode, filler metal, proper joint geometry, joint preparation, fit-up and weld aluminum plate in various position in accordance with applicable codes and standard.	24	10	960.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
26	Teknologi Kimpalan	KIM - 007	FCAW On Carbon Steel Plate	Participant will learn how to perform welding of carbon steel plate using the Flux cored Arc Welding (FCAW) in various position. Emphasis is placed on plate positions, selection of filler metal, joint geometry, preparation and fit-up and selection of current . Upon completion, students should be able to identify plate positions, electrode, filler metal, proper joint geometry, joint preparation, fit-up and weld carbon steel plate in various position in accordance with applicable codes and standard.	24	10	850.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
27	Teknologi Kimpalan	KIM - 008	Sub-merged Arc Welding Process	During this course, participants will learn how to perform welding using the Sub-merged Arc Welding process. Emphasis is placed on plate positions, selection of parameter, filler metal, flux types, joint, preparation, fit-up and selection of current . Upon completion, students should be able to identify plate positions, filler metal, proper joint geometry, joint preparation, types of flux used, fit-up and weld carbon steel plate in accordance with applicable codes and standard.	16	10	600.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my

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28	Teknologi Kimpalan	KIM - 009	Plastic Welding	During this course, participants will learn how to perform welding using the Plastic welding manually on plate and Operate plastic welding machine for pipe welding. The course will emphasis on type of plastic materials, filler rod, selection of parameter, joint preparation and joint fit-up	16	10	600.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
29	Teknologi Kimpalan	NDT - 01	Visual Inspection On Welded Joint	This course prepares a candidate to conduct Visual Examinations. This course prepare a candidate to familiar with inspection methods, scope, tools and gauges, identify defects, interpret and evaluate results with respect to applicable codes, standards and specifications and write test reports	16	10	800.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
30	Teknologi Kimpalan	NDT - 02	Dye Penetrant Inspection On Welded Joint	This course prepares a candidate to have a basic understanding of Non Destructive Testing (NDT), familiar with dye penetrant principles and methods, identify defects in welded joint, NDT techniques, able to write reports, understanding of NDT acceptance criteria with respect to applicable codes	16	10	800.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
31	Teknologi Kimpalan	NDT - 03	Magnetic Particle Inspection On Welded Joint	This course prepares a candidate to have a basic understanding of Non Destructive Testing (NDT), familiar with MPI principles and methods, identify defects in welded joint, MPI techniques, able to write reports, understanding of NDT acceptance criteria with respect to applicable codes	16	10	800.00	NAMA : Shukri bin Che Hassan NO TEL : 03-51612622 EMEL :shukri.che@jtm.gov.my
32	Teknologi Komputer	KOM - 001	Office Application - Basic Level	1. Word - Formatting font, paragraph, number, table & text, style & image, header & footer, bullet, table, shortcut keys. 2. Excel - Cell format, border & shading, merge, table printing, sorting, using formulas, charts 3. PowerPoint - Interface, presentation, setting the theme, adding & deleting slides, insertion, previewing slide show	16	10	300.00	NAMA : Azhari bin Salleh NO TEL : 03-51612622 EMEL :azharisalleh@jtm.gov.my
33	Teknologi Komputer	KOM - 002	Office Application - Intermediate Level	1. Word - Creating outlines, find & folder, setting printer, toolbars, mail merge, sheet, table, arts, sharing word documents 2. Excel - Formatting worksheets & data, formulas & functions, tables 3. Power Point - Animating object & text, organizing the slides, adding transitions, rehearsing a presentation, printing notes & handouts, saving a presentation in other formats	16	10	300.00	NAMA : Azhari bin Salleh NO TEL : 03-51612622 EMEL :azharisalleh@jtm.gov.my
34	Teknologi Komputer	KOM - 003	Photo & Graphic Editing - Basic Level	The bridge, setting up 'Shop, navigation & resolution, rotate & crop, basic color correction, red eye removal & recolor, painting with the edit tools, 'clone, heal & patch', using the selection tools, selecting with color range, making the most of history	16	10	300.00	NAMA : Azhari bin Salleh NO TEL : 03-51612622 EMEL :azharisalleh@jtm.gov.my
35	Teknologi Komputer	KOM - 004	Photo & Graphic Editing - Intermediate Level	Layers, groups & comps, opacity and blend modes, advanced blending, layer styles, masks & channels, transform & warp, creating and editing type, special type effects, vector-based shapes, printing & outputs, actions	16	10	300.00	NAMA : Azhari bin Salleh NO TEL : 03-51612622 EMEL :azharisalleh@jtm.gov.my
36	Teknologi Komputer	KOM - 005	PC Assembly - Basic Level	1. Introduction to system software 2. Software application and software utility 3. Configuration 4. Partitioning and formatting 5. Operating system installation 6. Installation of application and utility software	16	10	650.00	NAMA : Azhari bin Salleh NO TEL : 03-51612622 EMEL :azharisalleh@jtm.gov.my
37	Teknologi Komputer	KOM - 006	PC Assembly - Intermediate Level	1. Preventive and corrective maintenance 2. Basic computer networking configuration	16	10	650.00	NAMA : Azhari bin Salleh NO TEL : 03-51612622 EMEL :azharisalleh@jtm.gov.my
38	Teknologi Penyejukbekuan & Penyamanan Udara	PPU - 001	Installation & Operation of Air-Conditioning System (Basic & Intermediate)	1. Introduction to air-conditioning principle and system 2. Air Conditioning basic components 3. Space capacity calculation and system design 4. Introduction to gas welding and 'brazing' with 'silfos and brass' 5. Refrigeration and Air-Conditioning wiring system	32	10	1,050.00	NAMA : Roslan bin Zulkifli NO TEL : 03-51612622 EMEL :.roslan.zulkifli@jtm.gov.my
39	Teknologi Penyejukbekuan & Penyamanan Udara	PPU - 002	Maintenance & Repair of Air-conditioner (Split-Unit)	1. Air-conditioning system 2. Wiring system and device 3. Purging system 4. Charging system 5. Technique of pump down 6. Installation & commissioning 7. Techniques of repairing 8. Fault detection/troubleshooting	32	10	950.00	NAMA : Roslan bin Zulkifli NO TEL : 03-51612622 EMEL :.roslan.zulkifli@jtm.gov.my
40	Teknologi Penyejukbekuan & Penyamanan Udara	PPU - 003	Automobile Air-conditioning System (Theory & Practice)	1. Introduction to air-conditioning principle and system 2. Air Conditioning basic components 3. Wiring system and device 4. Purging system 5. Charging system 6. Technique pump down 7. Installation and commissioning 8. Troubleshoot	32	10	850.00	NAMA : Roslan bin Zulkifli NO TEL : 03-51612622 EMEL : .roslan.zulkifli@jtm.gov.my
41	Teknologi Elektrik Kuasa	ELEK - 001	Electrical Chergeman A0	1. Electrical Safety 2. Fire Fighting System 3. Basic Electrical 4. Electrical Installation 5. Cable and Underground Cable 6. LV Main Switch Board 7. Transformer 8. Air-Conditioning System 9. Three Phase AC Machine 10. Basic Automation Control	260	25	3,300.00	NAMA : Mohamad Latif bin Mohamad Pazi NO TEL : 03-51612622 EMEL : latiff@jtm.gov.my

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42	Teknologi Elektrik Kuasa	ELEK - 002	Electrical Chargeman A4	1. Medium Pressure Electrical Chargeman 2. Diesel Engine 3. A.C Generator 4. Standby A.C Generator 5. Synchronizing A.C Generator System 6. Overhead Line System	256	25	3,700.00	NAMA : Mohamad Latif bin Mohamad Pazil NO TEL : 03-51612622 EMEL : latiff@jtm.gov.my
43	Teknologi Elektrik Kuasa	ELEK - 003	Low Voltage Overhead Line System	1. Types of pole 2. Types of cable 3. Overhead line installation ie. Tensioning 4. Sagging and clearance 5. Overline equipment ie. Lightning arrester 6. Pole fuse 7. Stay and D bracket 8. Overhead line equipment installation	80	25	1,300.00	NAMA : Mohamad Latif bin Mohamad Pazil NO TEL : 03-51612622 EMEL : latiff@jtm.gov.my
44	Teknologi Elektrik Kuasa	ELEK - 004	Low Voltage Generation and Synchronising for Electrical Chargeman A4	1. Engine Diesel 2. A.C Generator 3. Standby A.C Generator 4. Synchronizing A.C Generator System	80	25	1,300.00	NAMA : Mohamad Latif bin Mohamad Pazil NO TEL : 03-51612622 EMEL : latiff@jtm.gov.my
45	Teknologi Pengeluaran Automotif	PA - 001	Lubrication Elementary	Chapter 1 To Chapter 4 - Type Of Lubrication, Manufacturing Process Of Lubrication, Proper Temperature For Hydraulic Equipment, Type of Lubricating Oil/Grease And Their General Applications Practical 1 - Slide Base Experiment Practical 2 - Flash Point Experiment Practical 3 - High Speed Bearing Experiment Practical 4 - Extreme Pressure Lubrication Experiment Practical 5 - Check Viscosity Oil Practical 6 - Check Stickness Grease	24	5	550.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
46	Teknologi Pengeluaran Automotif	PA - 002	NC Programming (Lathe)	- Introduction Nc lathe - Ne programming - Ne programming - Preparation G code - Use programming software and transfer the programing to machine Practical :- - positioning, Cutting Feed, Circular cutting, dwell, Return to reference point and setting coordinate system. - Function keys (Funuc OT) , switches on machine , Setting program home position. - cutting final project.	32	5	600.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
47	Teknologi Pengeluaran Automotif	PA - 003	Energy Maintenance (Compressor Facility) Elementary	Chapter 5 - Sub Equipment Purpose & Structure (Dehumidifier Device, Receiver Tank, Safety Valve) (Reheat Equipment, Suction Tower, Cooling Tower, Moisture Absorbent Tower) (Water Cooling Device, Water Cooling Pump, Coolant Device) Chapter 6 - Common Equipment Refrigerator Cycle Lubricant Oil Type Chapter 7 - Common Equipment Cooling Water Management Interlock Test - Conclusion of Intermediate Course - Test for Understanding Level	24	5	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
48	Teknologi Pengeluaran Automotif	PA - 004	Pneumatic Control Intermediate	Teori - Ladder and How To Design The Ladder Circuit Practical 9 - Make a Circuit Using a Relay Valve, Master Valve and Limit Switch to move the Cylinder Forward and Backward Practical 10 - Use The Brake Cylinder Practical 11 - The Cylinder Back In Its Original Position Immediately After Touching LS2 Practical 12 - Meter In And Meter Out Practical 13 - Emergency Stop Practical 14 - Use Emergency Stop And Cylinder Stop Immediately Practical 15 - Use Emergency Stop And Cylinder Stop Immediately Practical 16 - Make a Continues Cycle Practical 17 - Make a Continues Cycle With Limit Switch Practical 18 - A+ B+ B- A- Practical 19 - A+ B+ C- B- A- Practical 20 - A+ B+ C+ C- B- A-	24	5	450.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
49	Teknologi Pengeluaran Automotif	PA - 005	Energy Maintenance (Compressor Facility) Immediately	Chapter 5 - Sub Equipment Purpose & Structure (Dehumidifier Device, Receiver Tank, Safety Valve) (Reheat Equipment, Suction Tower, Cooling Tower, Moisture Absorbent Tower) (Water Cooling Device, Water Cooling Pump, Coolant Device) Chapter 6 - Common Equipment Refrigerator Cycle Lubricant Oil Type - Test for Understanding Level	24	5	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
50	Teknologi Pengeluaran Automotif	PA - 006	Hydraulic Control Elementary	Chapter 1 to Chapter 2 - Principles of Hydraulic Pressure, Hydraulic Devices Chapter 3 to Chapter 5 - Other Unit Used In The Hydraulic Circuit, Hydraulic Circuit, Hydraulic Piping Practical 1 - Know the Hydraulic Devices Practical 2 - Basis of Hydraulic Circuit Practical 3 - 2 Way Flow Regulator Practical 4 - Pilot Check Valve Practical 5 - Counter Balancing Valve Practical 6 - Flow Divider Valve Practical 7 - Pressure Regulator Practical 8 - Accumulator	24	5	550.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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51	Teknologi Pengeluaran Automotif	PA - 007	Hydraulic Control Intermediate	- Fundamental Revision Of Hydraulic - Operation and Assamble Bench Practical 1 Practical 2 Practical 3 Practical 4 Troubleshooting Practical 4 Practical 5 Troubleshooting Practical 5 Practical 6 Troubleshooting Practical 6	24	5	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
52	Teknologi Pengeluaran Automotif	PA - 008	Machine Element & Oiling Work Introductory	Chapter 1 to Chapter 3 - (Introduction - Machine Element, Piping Element, Seak, Transmission, Parts, Shaft & Bearing), Machine Element For Fastening Bplt & Nuts, Classification of Bearing Transmission Parts, Gear & Chain, Oiling - Lubrication Oil, Proper Use Of Lubricating Oil & Oiling Device Practical 1 - Lathe Machine Maintenance (Check The Part, Accessories And Repairing) Practical 2 - Check The Oil And Lubrication System On The Machine Milling, Lathe And Grinding	24	5	550.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
53	Teknologi Pengeluaran Automotif	PA - 009	Pneumatic Control Elementary	Chapter 1 to Chapter 3 - Introduction Of Pneumatic, Control Valve, Pneumatic Symbol Practical 1 - Selected of normal closed Practical 2 - Drive system master valve is operated directly Practical 3 - Using the limit valve at advancing end only Practical 4 - Timer Circuit Practical 5 - Sequence Circuit Practical 6 - Stop Circuit Practical 7 - Emergency Return Circuit Practical 8 - Emergency Stop	24	5	450.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
54	Teknologi Pengeluaran Automotif	PA - 010	Machine Elements Elementary	Chapter 1 To Chapter 4 - Machine Element For Fastening, Bearing, Gear, Shaft Oiling - Lubrication Oil, Proper Use Of Lubricating Oil & Oiling Device Practical 1 - Operate Sliding Bearing Depend On Drawing Practical 2 - Operate Speed Transmission Use Dial Gauge for Alignment Shaft Practical 3 - Operate Gear Transmission Practical 4 - Operate Gear Transmission	24	5	550.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
55	Teknologi Pengeluaran Automotif	PA - 011	PMC Elementary	Chapter 1 to Chapter 5 - CNC Sequence Program, Interface, Basic Command of PMC, Function of PMC & PMC Parameter Chapter 6 and Chapter 7 - Built-In Programmer and Auxillary Function Practical 1 - Basic Circuit In Sequence Control Practical 2 - Timer Circuit Practical 3 - Search external extension work number Practical 4 - Window functions Practical 5 - Write custom macro variables Practical 6 - Window functions	32	5	750.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
56	Teknologi Pengeluaran Automotif	PA - 012	NC Maintenance Intermediate	Chapter 3 to Chapter 6 - NC Controller, Boot System, Digital Servo and Servo Amplifier, NC Maintenance Macro Chapter 7 and Chapter 8 - Main Axis Control and CNC Communication Practical 1 - NC Maintenance Macro Practical Note Book Practical 2 - NC Controller and Boot System Practical 3 - Main Axis Control and CNC Communication Practical 4 - Trouble Shooting Practical 5 - Trouble Shooting	32	5	750.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
57	Teknologi Pengeluaran Automotif	PA - 013	Machine Elements Intermediate	Chapter 1 To Chapter 5 - Machine, Macine Element For Fastening, Bearings, Shafts And Shaft Coupling, Transmission Parts Practical 1 - Operate The Taper Bearing Depend On Drawing Practical 2 - Operate The Lathe Machine for measurement and alignment	24	5	700.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
58	Teknologi Pengeluaran Automotif	PA - 014	NC Maintenance Advanced	Chapter 1 To Chapter 5 - Machine, Macine Element For Fastening, Bearings, Shafts And Shaft Coupling, Transmission Parts Practical 1 - Operate The Taper Bearing Depend On Drawing Practical 2 - Operate The Lathe Machine for measurement and alignment	32	5	750.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
59	Teknologi Pengeluaran Automotif	PA - 015	Welding (GAS)	Gas Welding - Introduction of Welding - Torch Intro-Setting & Regulator Control - Presentation of Basic Welding Theory - Defect Inspection - Safety - Gas (MS 3.0mm) - Straight Bead - Gas (MS 3.0mm) - Butt Join (1G) - Gas (MS 3.0mm) - Fillet Tee Joint (1F & 2F) Project - Full Welding - In-process checking - Test	24	5	450.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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60	Teknologi Pengeluaran Automotif	PA - 016	Welding (ARC)	GMAW Process - Welding Consumables and Modes of Transfer - Terminology in welding - Welding Defect - Safety - Straigh Bead (MS 3.0MM) - Fillet Tee Joint (1F & 2F) - Straigh Bead (MS 3.0MM) Project - Full Welding - In-process checking - Test	24	5	450.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
61	Teknologi Pengeluaran Automotif	PA - 017	Robot Teaching (Hand) FANUC	Chapter 1 to Chapter 8 - Classification Of Industri Robot, Safety, Configuration Of Fanuc Robot, Teaching Panel and Operation Panel, Menu Selection, Basic Programs, Robot Coordinate System, Basic Exercises Of Teaching and Operation Chapter 9 and Chapter 11 - Control Instructions to End Effectors, Macro Instruction Chapter 12 to Chapter 14 - Various Control Instruction, Programs Using Group Input Function, Execution of Programs Chapter 15 - Execution of Programs Practical 1 - Creating a Program Including Movement Instruction Practical 2 - Modify Movement of Robot Practical 3 - Creating a Program Using DI/O (Clamp/Unclamp) Practical 5 - Creating a Program Using Macro Commands Practical 6 - Creating a Program To Perform a Regenerative Operation At Specified Number Of Times Practical 7 - Call Up Subprograms (1) Practical 8 - Call Up Subprograms (2)	32	6	1,250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
62	Teknologi Pengeluaran Automotif	PA - 018	Robot Teaching (Spot Welding) FANUC	Chapter 1 to Chapter 8 - Classification Of Industri Robot, Safety, Configuration Of Fanuc Robot, Teaching Panel and Operation Panel, Menu Selection, Basic Programs, Robot Coordinate System, Basic Exercises Of Teaching and Operation Chapter 9 to Chapter 10 - Control Instructions to End Effectors, SERVO GUN Function Chapter 12 to Chapter 14 - Various Control Instruction, Programs Using Group Input Function, Execution of Programs Chapter 15 - Execution of Programs Practical 1 - Creating a Program Including Movement Instruction Practical 2 - Modify Movement of Robot Practical 3 - Creating a Program To Open The Movable Side By 30mm And Move The Gun Practical 4 - Creating a Program Using Spot Command (SD=m, P=n, S=i, ED=m) Practical 5 - Creating a Program Using External I/O (DI/DO) Practical 6 - Creating a Program To Perform a Regenerative Operation At Specified Number Of Times Practical 7 - Invoking Up Subprograms (1) Practical 8 - Call Up Subprograms (2)	32	6	1,250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
63	Teknologi Pengeluaran Automotif	PA - 019	Robot Maintenance Elementary FANUC	Chapter 1 to Chapter 4 - Introduction, Classification Of Industri Robot, Safety and Teaching Pendant Chapter 5 to Chapter 7 - Controller, Servo Control System And Hardware Move Each Axis Robot, The System Variables In The Teaching Pendant Fanuc Robot R-30iA Chapter 8 and Chapter 9 - Mastering Practical 1 - Procedure Single - Axis Mastering (0 Degree Potion) Practical 2 - Procedure for Single Axis Master In Teach Point	32	6	1,250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
64	Teknologi Pengeluaran Automotif	PA - 020	Robot Maintenance Intermediate FANUC	Chapter 1 to Chapter 4 - Introduction, Safety, Controller And Setup of Power Supply Chapter 5 to Chapter 7 - Printed Boards, Servo Amplifier And Troubleshooting Chapter 8 and Chapter 9 - Mechanism And Control Panel Unit Replacement Chapter 10 and Chapter 11 - Replacement of Mechanical Parts And Servomotor and Pulse Coder	32	6	1,250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
65	Teknologi Pengeluaran Automotif	PA - 021	Robot Teaching (HAND) YASKAWA	Chapter 1 To Chapter 5 - Classification Of Industrial Robots, Safety, Introductions, Turning On and Of The Power Supply, Manipulator Operations Chapter 6 And Chapter 7 - Basic Operation Of Motoman, Input Operation Of Instruction Chapter 8 To Chapter 10 - Convenient Function, Controlling Peripheral Devices, Alarm Reset and Alarm History Practical 1 - Robot Movement Practical 2 - Making a Program Including Movement Instruction Practical 3 - Making a Program By Using In/Out Signal (Clamp/Unclamp) Practical 4 - Making a Program By Using The Call/Ret Instruction Practical 5 - Program That Uses Interface (I/O) With The Outside Practical 6 - Fix Quality Playback Operation Program Practical 7 - Calling Up Program	32	6	1,250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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66	Teknologi Pengeluaran Automotif	PA - 022	Robot Maintenance Elementary YASKAWA	Chapter 1 To Chapter 5 - Classification of Industrial Robots, Safety, Security & Screen Display, Equipment Configuration and Servo Chapter 6 To Chapter 9 - Parameter, External Memory Devices, Periodical Maintenance and Replacing Parts Chapter 9 To Chapter 12 - Replacing Parts, System Diagnosis, Alarm Message and Error Message Practical 1 - Programming Pendant Practical 2 - Maintenance Procedure For Battery and Grease Practical 3 - Required To Remove The Encoder And Do The Calibration	32	6	1,250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
67	Teknologi Pengeluaran Automotif	PA - 023	Robot Maintenance Intermediate YASKAWA	Chapter 1 To Chapter 4 - Safety, Basic Specification, Circuit Board Configuration and Signal Flow and Principle of Circuit Board and Concept of Machinery Chapter 5 To Chapter 8 - Maintenance and Inspection, External Memory Devices, System Diagnosis and Replacing Parts Chapter 9 To Chapter 11 - Trouble Shooting, Alarm Message and Error Message Practical 2 - Maintenance Procedure For Battery and Grease Practical 3 - Required To Remove The Axis S MOTOR And Do The Calibration	32	6	1,250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
68	Teknologi Pengeluaran Automotif	PA - 024	Robot Teaching (Spot Welding) YASKAWA	Chapter 1 To Chapter 5 (Handling) - Classification Of Industrial Robots, Safety, Introductions, Turning On and Of The Power Supply, Manipulator Operations Chapter 6 And Chapter 7 (Handling) - Basic Operation Of Motoman, Input Operation Of Instruction Chapter 1 To Chapter 5 (Spot Welding) - Function Keys, Other Function Using a Motor Gun, System Setting, Tool Data Setting, Teaching Chapter 6 To Chapter 8 (Spot Welding) - Clearance Teaching, Dry Spotting, Electrode Wear Detection and Wear Compensation Practical 1 - Robot Movement Practical 2 - Programming And Editing Practical 3 - Program Using SVSPOT And I/O Instruction Practical 4 - Program Using SVSPOTMOV And I/O Instruction	32	6	1,250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
69	Teknologi Pengeluaran Automotif	PA - 025	Hand-tool Work (Hand Finishing)	Theory & Practical - Chisel, Hammer, Hacksaw & Filing - Drilling, Taping & Reaming - Scraping	40	10	350.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
70	Teknologi Pengeluaran Automotif	PA - 026	NC Programming (Machining Center)	Chapter 1 - Introduction of NC Chapter 2 - NC Programming M Code - NC Programming G Code - Tool Height Compensation - Tool Diameter Compensation - Practical Machine Set up - Practical Machining	32	5	850.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
71	Teknologi Pengeluaran Automotif	PA - 027	Energy Maintenance (Air Conditioner Facility) Elementary	Chapter 1 - Refrigerator Type & Structure - Refrigerator Cycle Principle Chapter 2 - Aircond Main Equipment Purpose & Structure (Compress Machine, Condense Equipment) - Aircond Main Equipment Purpose & Structure (Swelling Valve, Evaporator) - Conclusion of Beginners Level Course Test of Level of Understanding - Execute Aircond Daily Inspection (Compress Machine, Condense Equipment) - Measuring Gas Pressure at Compress Machine - Measuring Temperature at Compress Machine Outlet/Inlet - Measuring Temperature at Condense Equipment Outlet/Inlet - Execute Daily Inspection for Aircond Main Equipment (Swelling Valve, Evaporator) - Swelling Valve Outlet/Inlet Temperature Measurement - Evaporator Outlet/Inlet Temperature Measurement - Filling Mollier Diagram	24	5	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
72	Teknologi Pengeluaran Automotif	PA - 028	Lubrication Intermediate	Chapter 1 To Chapter 7 - Introduction Lubrication, Role Of additives, Part Requiring Lubrication, Properties And Tests Of Lubrication Oil, Quality Of Lubrication Oils And How To Select Good Lubrication Oil, Automotive Lubrication Oil, Hydraulic Fluids Practical 1 - Viscosity Used Canon Fenske Viscometer Practical 2 - Millipore Practical 3 - Centrifugal Tester	24	5	500.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
73	Teknologi Pengeluaran Automotif	PA - 029	Energy Maintenance (Air Conditioner Facility) Intermediate	Chapter 3 - Sub Equipment Purpose and Structure (Cooling Tower) - Conclusion of Intermediate Course - Test of Understanding Level - Execute Daily Maintenance at Sub Equipment (Indoor Unit) - Cleaning Indoor Unit Filter - Execute Daily Inspection at Sub Equipment (Outdoor Unit) - Cleaning Evaporator - Execute Daily Maintenance at Sub Equipment (Cooling Tower Ball Tap Maintenance, Fan Belt Tensioner Adjust)	24	5	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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74	Teknologi Pengeluaran Automotif	PA - 030	Facility Diagnosis (Vibration Method)	Chapter 1 to Chapter 5 - Why Do Need Equipment Diagnosis, Vibration Fundaments, Fundamentals of FFT, Methods of Equipment Diagnosis, Fundamentals of Sound Chapter 6 - Typical Abnormal Vibrations in Equipment and Machines Practical 1 - Unbalance Practical 2 - Misalignment Practical 3 - Gear Flaw Practical 4 - Bearing Defect	24	5	550.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
75	Teknologi Pengeluaran Automotif	PA - 031	Environment Energy Maintenance (Water Treatment) Elementary	- Able to carry out daily inspection and maintenance of main facilities and report the result.	32	10	300.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
76	Teknologi Pengeluaran Automotif	PA - 032	ISO Drawing - Geometric Allowance Elementary	This course is intended for anyone who wishes to understand international language of Geometric Dimensioning and Tolerancing (GD&T) which is essential for communicating in present's highly competitive global marketplace. This course builds the ability to read and interpret GD&T symbols, which provide increased information about the function and relationship of part features. One critical result is the proper fit of mating parts.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
77	Teknologi Pengeluaran Automotif	PA - 033	Environment Energy Maintenance (Water Treatment) Intermediate	To be able to analyze water quality and report it.	32	10	350.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
78	Teknologi Pengeluaran Automotif	PA - 034	Standardization of Quality Assurance Jobs	-NA-	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
79	Teknologi Pengeluaran Automotif	PA - 035	ISO Drawing - Geometric Allowance Intermediate	This course is intended for anyone who wishes to understand international language of Geometric Dimensioning and Tolerancing (GD&T) which is essential for communicating in present's highly competitive global marketplace. This course builds the ability to read and interpret GD&T symbols, which provide increased information about the function and relationship of part features. One critical result is the proper fit of mating parts.	32	10	250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
80	Teknologi Pengeluaran Automotif	PA - 036	Inspection Using Measuring Equipments (CMM 3D Measuring Tools)	To learn the advanced tools in measurement so that, the participant will be able to conduct the 3D measurement on products	24	10	450.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
81	Teknologi Pengeluaran Automotif	PA - 037	Inspection Using Testing Machines (Performance, Non - Destructive Test)	To learn the inspection method using NDT Equipment so that, the participant will be able to conduct the NDT inspection on products	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
82	Teknologi Pengeluaran Automotif	PA - 038	Vehicle QA Introductory	Learn the necessary knowledge and skills on Vehicle Quality Assurance.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
83	Teknologi Pengeluaran Automotif	PA - 039	Inspection Method and Defect Findings Elementary	Learn the necessary knowledge & skills on vehicle QA.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
84	Teknologi Pengeluaran Automotif	PA - 040	Vehicle Defect Reduction Elementary	Learn basic knowledge & skills for reducing defects. Able to provide guidance on the knowledge & skills to others.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
85	Teknologi Pengeluaran Automotif	PA - 041	Process Inspections Intermediate	To acquire deeply the knowledge & skills on vehicle QA work necessary for vehicle production and to be able to perform simple maintenance and countermeasure.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
86	Teknologi Pengeluaran Automotif	PA - 042	Motor Vehicle Type designation System Intermediate	To acquire deeply the knowledge & skills on vehicle QA work necessary for vehicle production and to be able to perform simple maintenance and countermeasure. To be able to impart the skills to others and train them so that they will be leader material	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
87	Teknologi Pengeluaran Automotif	PA - 043	Vehicle Defective Cause Analysis Intermediate	To acquire deeply the knowledge & skills on vehicle QA work necessary for vehicle production and to be able to perform simple maintenance and countermeasure.	24	5	450.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
88	Teknologi Pengeluaran Automotif	PA - 044	Defective Cause Analysis	To learn and understand the concept of Quality Management and the ultimate objective is the realization of Zero Defect.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
89	Teknologi Pengeluaran Automotif	PA - 045	Process Inspections Advance	To acquire deeply the knowledge & skills on vehicle QA work necessary for vehicle production and through process audit and able to do countermeasure and give instruction for improvement.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
90	Teknologi Pengeluaran Automotif	PA - 046	Mechanical Drawing Elementary	This course is intended for anyone who wishes to make the more advanced manufacturing, with minimum cost at the following objective. - Learn engineering drawing techniques. - Be able to create mechanical drawings based on the concept of the person who actually performs machine processing work. - Experience a series of practical tasks from part sketching to assemble drawing. In practice, the course is carried out in a combination of lectures using this providing many diagrams as required and many practical training sessions. This course applied the engineering drawing techniques based on the JIS/ISO standards.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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91	Teknologi Pengeluaran Automotif	PA - 047	Mechanical Drawing Intermediate	This course is intended for anyone who wishes to make the more advanced manufacturing, with minimum cost at the following objective. - Learn engineering drawing techniques. - Be able to create mechanical drawings based on the concept of the person who actually performs machine processing work. - Experience a series of practical tasks from part sketching to assembly drawing. In practice, the course is carried out in a combination of lectures using this providing many diagrams as required and many practical training sessions. This course applied the engineering drawing techniques based on the JIS/ISO standards.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
92	Teknologi Pengeluaran Automotif	PA - 048	Facility Diagnosis (Vibration Method) Maintenance	To be able to acquire an understanding of the meaning of equipment diagnosis ; experience and learn about diagnosis technique by vibration method ; be able to measure and analyze unusual vibrations from machines and facilities.	24	5	550.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
93	Teknologi Pengeluaran Automotif	PA - 049	Knowledge of Manufacturing Method	This course is intended for anyone who wishes to understand international language of Geometric Dimensioning and Tolerancing (GD&T) which is essential for communicating in present's highly competitive global marketplace. This course builds the ability to read and interpret GD&T symbols, which provide increased information about the function and relationship of part features. One critical result is the proper fit of mating parts.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
94	Teknologi Pengeluaran Automotif	PA - 050	Inspection using Measuring Equipments	-NA-	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
95	Teknologi Pengeluaran Automotif	PA - 051	Inspection Using Testing Equipemnts (Destruction Test) Intermediate	To learn the inspection method using NDT Equipment so that, the participant will be able to conduct the NDT inspection on products	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
96	Teknologi Pengeluaran Automotif	PA - 052	Scribing Work	1. To learn and understand the right method to do scribing work. 2. To understand the importality of scribing work.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
97	Teknologi Pengeluaran Automotif	PA - 053	Measurement (Measuring) Work	1. Confirming the quality of a product (quality assurance) 2. Grasping current conditions properly (current-condition comprehension) 3. Examining various relationships between production processes (process analysis) 4. Examining the picture of production process (process control)	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
98	Teknologi Pengeluaran Automotif	PA - 054	Sketching Work	This course discussed engineering drawing for creating products based on the designer concept. No matter how excellent the designer's idea, a product that satisfies designer cannot be produced unless the method for correct communication with the person who creates the end product is understood properly. The objectives for this course are - Learn and get familiar with all standards that are use in engineering drawing. - Be able to recognize and understand the symbols in engineering drawing. - Experience a series of practical tasks from part sketching. - Use drawing as communication tools between designer and worker and be able to produce the part according to designer requirement. In practice, the course is carried out in a combination of lectures using this providing many diagrams as required and many practical training sessions. This course applied the engineering drawing techniques based on the JIS/ISO standards.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
99	Teknologi Pengeluaran Automotif	PA - 055	Knowledge of Car Structure and Function Introductory	To acquire deeply the knowledge & skills on vehicle QA work necessary for vehicle production and throught process audit and able to do countermeasure and give instruction for improvement. To be able to impart the high skills to others and train them so that they will be leader material.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
100	Teknologi Pengeluaran Automotif	PA - 056	Quality Control Method (QC Method) Introductory	- Able to understand "what is quality that satisfies customers" and the importance of quality control - Understand the ideal quality control that do not cause troubles downstream - Become able to resolve problems at worksite using improvement methods	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
101	Teknologi Pengeluaran Automotif	PA - 057	Quality Defect Improvement Story Introductory	The ultimate goal is to practice problem solving at workplace using the improvement technique and story by learning this items; - Way of thinking for quality improvement - How to promote quality improvement - Comprehensive practice of quality improvement - QC circle activity	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
102	Teknologi Pengeluaran Automotif	PA - 058	Measurement (Measuring Methods)	Confirming the quality of a product (quality assurance), Grasping current conditions properly (current-condition comprehension), Examining various relationships between production processes (process analysis), Examining the picture of production process (process control)	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
103	Teknologi Pengeluaran Automotif	PA - 059	Process Inspection Elementary	Learn the necessary knowledge & skills on vehicle QA.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
104	Teknologi Pengeluaran Automotif	PA - 060	Motor Vehicle Type Designation System Elemenatry	- Learn knowledge & skills to operate Motor Vehicle Type designation System - Able to provide guidance and basic knowledge & skills to others	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
105	Teknologi Pengeluaran Automotif	PA - 061	Calibration of Measuring Equipments (2D Measuring Tools)	To learn the calibration methods on 2D measuring tools so that, the participant will be able to conduct the calibration themselves.	24	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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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
106	Teknologi Pengeluaran Automotif	PA - 062	Sensor Basic	Provides a brief overview of sensors (detectors) widely used and there are many types of sensors that should be selected in accordance with purpose.	24	10	250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
107	Teknologi Pengeluaran Automotif	PA - 063	Basic Soldering	<ul style="list-style-type: none"> Basic concept of soldering To handle soldering work and identify the soldering quality. 	16	10	150.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
108	Teknologi Pengeluaran Automotif	PA - 064	Electric Theory	<ul style="list-style-type: none"> Basic concept of electricity. To analyze electric circuit 	8	10	100.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
109	Teknologi Pengeluaran Automotif	PA - 065	Machine Electrical Wiring	<ul style="list-style-type: none"> Able to perform machine electrical wiring and fulfill the standard. 	16	10	150.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
110	Teknologi Pengeluaran Automotif	PA - 066	Relay Sequence	<ul style="list-style-type: none"> Understand the basic circuit of sequence control, build a circuit and prepare simple control panel. 	32	10	300.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
111	Teknologi Pengeluaran Automotif	PA - 067	Electronic Theory	<ul style="list-style-type: none"> Units and Terminology Major electrical terminology Solder, Units and prefixes Ohm's Law Resistance 	8	10	100.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
112	Teknologi Pengeluaran Automotif	PA - 068	Electronic Digital	<ul style="list-style-type: none"> To understand digital circuit To be able use IC TTL and CMOS To understand Flip-Flop circuit. To understand and use multivibrator circuit. 	32	10	300.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
113	Teknologi Pengeluaran Automotif	PA - 069	Microcomputer Elementary	<ul style="list-style-type: none"> To be able programming in C language To be able control digital I/O To be able use A/D Conversion To be able use PWM 	32	5	550.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
114	Teknologi Pengeluaran Automotif	PA - 070	Microcomputer Intermediate	<ul style="list-style-type: none"> To be able programming in C language To be able control digital I/O To be able use A/D Conversion To be able use PWM 	32	5	550.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
115	Teknologi Pengeluaran Automotif	PA - 071	Motor Control (Servo)	<ul style="list-style-type: none"> To understand structure and principle of DC Motor To be able control speed and motor DC direction To understand Servomechanism To understand Incremental and absolute encoder To understand structure and principle of AC Servo Motor 	32	10	450.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
116	Teknologi Pengeluaran Automotif	PA - 072	Motor Control (Inverter)	<ul style="list-style-type: none"> To learn the technology of Revolution Torque control from Variable Frequency & Variable Voltage of AC 200V Induction motor 	32	10	300.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
117	Teknologi Pengeluaran Automotif	PA - 073	Electrical Measurement	<ul style="list-style-type: none"> Understand the structures and principles of measuring instruments Able to discriminate the polarity of simple semiconductor using circuit tester and able to use various types of measuring instruments 	16	10	200.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
118	Teknologi Pengeluaran Automotif	PA - 074	Car Electronics (Intermediate)	<ul style="list-style-type: none"> Able to know the main system of Electrical Equipment in automotive, the theory and function of each system Understand the used and function of several sensors in electrical equipment of automotive system Understand the concept of troubleshooting in the electrical equipment of Automotive field Understand the basic operation of engine system which is related of torque concept and the difference of electrical and mechanical control in the engine system 	24	10	250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
119	Teknologi Pengeluaran Automotif	PA - 075	Electrical Measurement Application	<ul style="list-style-type: none"> To be able to understand the causes of errors in measurement and minimize the amount of error. To be able to understand equipment from basic sensors to amplifiers and recording equipment as well as their characteristics. To be able to clarify issues in testing and gain applied testing skills. 	32	10	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
120	Teknologi Pengeluaran Automotif	PA - 076	Sequence Control Control Elementary (MELSEC)	<ul style="list-style-type: none"> To understand outline of sequence control To understand about Programmable Logic Controller (MELSEC-Q06HCPU) To understand about advanced control methods by making the control circuits of transfer equipment practically 	24	5	500.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
121	Teknologi Pengeluaran Automotif	PA - 077	PLC Application (MELSEC)	<ul style="list-style-type: none"> To understand outline of sequence control To understand about Programmable logic controller To understand about advanced control method 	24	5	500.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
122	Teknologi Pengeluaran Automotif	PA - 078	PLC Touch Panel Panel (MELSEC)	<ul style="list-style-type: none"> To understand the system of Mitsubishi MELSEC.PC and GOT (graphic operation terminal : So called Touch Panel) and also to be able to produce GOT and PC Programming. 	24	5	500.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
123	Teknologi Pengeluaran Automotif	PA - 079	Electrical Facility (Elementary)	<ul style="list-style-type: none"> Able to inspect and measure low voltage electrical facility and able to report the result. 	24	5	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
124	Teknologi Pengeluaran Automotif	PA - 080	Electric Intermediate	<ul style="list-style-type: none"> To understand the theories on electrical voltage current, resistance or impedance and power. To understand the power factors and perform circuit calculation for improvement 	32	10	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
125	Teknologi Pengeluaran Automotif	PA - 081	Electrical Facility (Intermediate)	<ul style="list-style-type: none"> Able to carry out regular inspection and maintenance jobs. Able to understand functional problems and abnormality. 	24	5	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
126	Teknologi Pengeluaran Automotif	PA - 082	Electric Advanced	<ul style="list-style-type: none"> To understand the Transient phenomenon and able to apply on electric and electronic circuits containing RC and RL To understand how to drive the equations that represent the Transient phenomena in RC and RL circuits 	32	10	350.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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127	Teknologi Pengeluaran Automotif	PA - 083	Car Electronics (Elementary)	<ul style="list-style-type: none"> • Able to know the basics of electricity and electronics and handle the multimeter properly • Able to know the standard methods of repairing harnesses so that it will become possible to standardize the repair work at the manufacturing site, thereby improving the quality and speed of the repair work. • Able to read drawings of various types of harnesses and the basic matters about harnesses and connectors so that they will be able to read the harness drawings for actual cars correctly 	24	10	250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
128	Teknologi Pengeluaran Automotif	PA - 084	Electronic Sensor	<ul style="list-style-type: none"> • Provide understanding of the basic principles behind and operation of sensors • Process of converting physical and chemical phenomena to electrical signal. 	32	10	300.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
129	Teknologi Pengeluaran Automotif	PA - 085	Car Troubleshooting (Electronics) Intermediate	<ul style="list-style-type: none"> • Able to know the electrical system of power window, wiper and external lamp in automotive and the function of each system • Understand the normal condition of power window, wiper and external lamp system (the location confirmation and the voltage measurement in normal condition) • Understand the concept of troubleshooting in the electrical equipment of Automotive field and problem solving using SOP for abnormal condition • Able to troubleshoot the problem in electrical power window system, wiper and external lamp 	24	10	250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
130	Teknologi Pengeluaran Automotif	PA - 086	Car Electronics (Advances)	<ul style="list-style-type: none"> • Able to know the basics of electricity and electronics and handle the multimeter properly • Able to know the standard methods of repairing harnesses so that it will become possible to standardize the repair work at the manufacturing site, thereby improving the quality and speed of the repair work. • Able to read drawings of various types of harnesses and the basic matters about harnesses and connectors so that they will be able to read the harness drawings for actual cars correctly 	24	10	250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
131	Teknologi Pengeluaran Automotif	PA - 087	Electric Elementary	<ul style="list-style-type: none"> • Able to understand and use the Kirchoff's Laws. • To understand the theories on electrical voltage current, resistance or impedance and power. • To understand how to operate the oscilloscope 	32	10	300.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
132	Teknologi Pengeluaran Automotif	PA - 088	Link Servo System Maintenance Elementary	<ul style="list-style-type: none"> • To understand the theories on electrical voltage current, resistance or impedance and power. • To understand the power factors and perform circuit calculation for improvement 	40	5	900.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
133	Teknologi Pengeluaran Automotif	PA - 089	Link Servo System Maintenance Intermediate	<ul style="list-style-type: none"> • To understand the theories on electrical voltage current, resistance or impedance and power. • To understand the power factors and perform circuit calculation for improvement 	40	5	900.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
134	Teknologi Pengeluaran Automotif	PA - 090	Electronic Analog	<ul style="list-style-type: none"> • To understand diode circuit. • To be able use transistor as a amplifier or switch. • To be able use Op-Amp 	32	10	300.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
135	Teknologi Pengeluaran Automotif	PA - 091	Sequence Control Elementary (SYSMAC)	<ul style="list-style-type: none"> • To understand outline of sequence control • To understand about Programmable Logic Controller (Sysmac - CS1G – CPU44H) • To understand about advanced control methods by making the control circuits of transfer equipment practically. 	32	10	250.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
136	Teknologi Pengeluaran Automotif	PA - 092	Electronics Intermediate	<ul style="list-style-type: none"> • Units and Terminology - Major electrical terminology Solder, Units and prefixes • Ohm's Law • Resistance 	32	10	300.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
137	Teknologi Pengeluaran Automotif	PA - 093	PLC Application (SYSMAC)	<ul style="list-style-type: none"> • To understand outline of sequence control • To understand about Programmable logic controller • To understand about advanced control method 	24	5	500.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
138	Teknologi Pengeluaran Automotif	PA - 094	PLC Touch Panel (SYSMAC)	<ul style="list-style-type: none"> • To understand SYSMAC application and various arithmetic command. To understand how to create Touch Panel Screen and how to control by using PC. 	24	5	500.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
139	Teknologi Pengeluaran Automotif	PA - 095	Car Assembly Training Elementary	<ul style="list-style-type: none"> • Able to know the basics of vehicle assembly. • Able to know the standard methods and handling of vehicle assembly so that it will become possible to standardize vehicle assembly on the manufacturing site. • Able learn the basic matters about process and step for vehicle assembly manufacturing so that they will be able to improve vehicle assembly quality standard. 	40	10	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
140	Teknologi Pengeluaran Automotif	PA - 096	Car Assembly Intermediate	<ul style="list-style-type: none"> • Able to know the basics of vehicle assembly. • Able to know the standard methods and handling of vehicle assembly so that it will become possible to standardize vehicle assembly on the manufacturing site. • Able learn the basic matters about process and step for vehicle assembly manufacturing so that they will be able to improve vehicle assembly quality standard. 	40	10	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
141	Teknologi Pengeluaran Automotif	PA - 097	Car Assembly Advanced	<ul style="list-style-type: none"> • Able to know the basics of vehicle assembly. • Able to know the standard methods and handling of vehicle assembly so that it will become possible to standardize vehicle assembly on the manufacturing site. • Able learn the basic matters about process and step for vehicle assembly manufacturing so that they will be able to improve vehicle assembly quality standard. 	40	10	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
142	Teknologi Pengeluaran Automotif	PA - 098	Press Stamping Elementary	<ul style="list-style-type: none"> • Able to know the basics of press stamping. • Able to know the standard methods of press stamping so that it will become possible to standardize press stamping on the manufacturing site. • Able learn the basic matters about process and step for press stamping manufacturing so that they will be able to improve stamping quality standard. 	40	10	400.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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143	Teknologi Pengeluaran Automotif	PA - 099	Press Stamping	<ul style="list-style-type: none"> Able to know the basics of press stamping. Able to know the standard methods of press stamping so that it will become possible to standardize press stamping on the manufacturing site. Able learn the basic matters about process and step for press stamping manufacturing so that they will be able to improve press stamping quality standard. 	40	10	700.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
144	Teknologi Pengeluaran Automotif	PA - 100	Press Stamping Advanced	<ul style="list-style-type: none"> Able to know the basics of press stamping. Able to know the standard methods of press stamping so that it will become possible to standardize press stamping on the manufacturing site. Able learn the basic matters about process and step for press stamping manufacturing so that they will be able to improve press stamping quality standard. 	40	10	700.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
145	Teknologi Pengeluaran Automotif	PA - 101	Machining Elementary	<ul style="list-style-type: none"> Able to know the basics of machining. Able to know the standard methods and handling of machining so that it will become possible to standardize machining on the manufacturing site. Able learn the basic matters about process and step for machining manufacturing so that they will be able to improve machining quality standard. 	40	10	700.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
146	Teknologi Pengeluaran Automotif	PA - 102	Plastic (Bumper Painting) Elementary	-NA-	40	10	800.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
147	Teknologi Pengeluaran Automotif	PA - 103	Plastic (Bumper Painting) Intermediate	-NA-	40	10	800.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
148	Teknologi Pengeluaran Automotif	PA - 104	Plastic (Bumper Painting) Advanced	-NA-	40	10	800.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
149	Teknologi Pengeluaran Automotif	PA - 105	Unit Assembly Elementary	<ul style="list-style-type: none"> Able to know the basics of auto body assembly. Able to know the standard methods and handling spot welding gun of auto body assembly so that it will become possible to standardize body assembly on the manufacturing site. Able learn the basic matters about process and step for auto body assembly manufacturing so that they will be able to improve auto body assembly quality standard. 	40	10	350.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
150	Teknologi Pengeluaran Automotif	PA - 106	Unit Assembly Intermediate	<ul style="list-style-type: none"> Able to know the basics of auto body assembly. Able to know the standard methods and handling spot welding gun of auto body assembly so that it will become possible to standardize body assembly on the manufacturing site. Able learn the basic matters about process and step for auto body assembly manufacturing so that they will be able to improve auto body assembly quality standard. 	40	10	350.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
151	Teknologi Pengeluaran Automotif	PA - 107	Unit Assembly Advanced	<ul style="list-style-type: none"> Able to know the basics of auto body assembly. Able to know the standard methods and handling spot welding gun of auto body assembly so that it will become possible to standardize body assembly on the manufacturing site. Able learn the basic matters about process and step for auto body assembly manufacturing so that they will be able to improve auto body assembly quality standard. 	40	10	350.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
152	Teknologi Pengeluaran Automotif	PA - 108	Casting (Iron & Aluminium) Elementary	<ul style="list-style-type: none"> Able to know the basics of casting (Iron and Aluminium) Able to know the standard methods of mould so that it will become possible to standardize casting on the manufacturing site Able learn the basic matters about process and step for casting manufacturing so that they will be able to improve casting quality standard 	40	10	750.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
153	Teknologi Pengeluaran Automotif	PA - 109	Casting (Aluminium) Intermediate	<ul style="list-style-type: none"> Able to know the basics of casting (Iron and Aluminium) Able to know the standard methods of mould so that it will become possible to standardize casting on the manufacturing site Able learn the basic matters about process and step for casting manufacturing so that they will be able to improve casting quality standard 	40	10	750.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
154	Teknologi Pengeluaran Automotif	PA - 110	Casting (Aluminium) Advanced	<ul style="list-style-type: none"> Able to know the basics of casting (Iron and Aluminium) Able to know the standard methods of mould so that it will become possible to standardize casting on the manufacturing site Able learn the basic matters about process and step for casting manufacturing so that they will be able to improve casting quality standard 	40	10	750.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
155	Teknologi Pengeluaran Automotif	PA - 111	Painting Training Elementary	<ul style="list-style-type: none"> Able to know the basics of painting. Able to know the standard methods and handling of painting so that it will become possible to standardize painting on the manufacturing site. Able learn the basic matters about process and step for painting manufacturing so that they will be able to improve painting quality standard. 	40	10	800.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
156	Teknologi Pengeluaran Automotif	PA - 112	Painting Intermediate	<ul style="list-style-type: none"> Able to know the basics of painting. Able to know the standard methods and handling of painting so that it will become possible to standardize painting on the manufacturing site. Able learn the basic matters about process and step for painting manufacturing so that they will be able to improve painting quality standard. 	40	10	800.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
157	Teknologi Pengeluaran Automotif	PA - 113	Painting Advanced	<ul style="list-style-type: none"> Able to know the basics of painting. Able to know the standard methods and handling of painting so that it will become possible to standardize painting on the manufacturing site. Able learn the basic matters about process and step for painting manufacturing so that they will be able to improve painting quality standard. 	40	10	800.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my
158	Teknologi Pengeluaran Automotif	PA - 114	Body Welding Elementary	<ul style="list-style-type: none"> Able to know the basics of welding on body 	40	10	900.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@jtm.gov.my

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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
159	Teknologi Pengeluaran Automotif	PA - 115	Body Welding Intermediate	• Able to know the standard methods of weld so that it will become possible to standardize welding on the manufacturing site	40	10	900.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@tm.gov.my
160	Teknologi Pengeluaran Automotif	PA - 116	Body Welding Advanced	• Able learn the basic matters about process and step for welding manufacturing so that they will be able to improve welding quality standard	40	10	900.00	NAMA : Adnan Abdullah NO TEL : 03-51612622 EMEL : adnan@tm.gov.my