

KURSUS JANGKA PENDEK DI ILP JITRA TAHUN 2014/2015
SHORT TERM COURSES OFFERED AT ILP JITRA 2014/2015

Untuk maklumat lanjut sila hubungi:

Institut Latihan Perindustrian (ILP) Jitra, Bandar Darul Aman, 06000 Jitra, Kedah Darul Aman.
 || Tel: 04-9161926 || Faks: 04-9174508/04-9162367 || website: www.ilpjitra.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 Automotif	AUTO - 001	Basic Automotive Maintenance	1. A brief history of automotive engineering 2. Underhood Maintenance a. Filters b. Oil/Filter Change c. Battery Maintenance d. Lubrications 3. Periodical Maintenance Chart 4. Minor Engine Service	16	10	452.00	En Mohammad Rostam bin Nasron 019-4622310 rostam@ilpjitra.gov.my
2	Teknologi Automotif	AUTO - 002	Automotive Lubricants Maintenance	1. Oil & Lubricants Maintenance a. Change & bleeding brake fluid b. Change ATF & power steering fluid c. Change differential unit oil d. Change & bleeding hydraulic clutch 2. Bleeding cooling system.	16	10	452.00	Tn Hj Mohd Hafiz bin Azam 019-4549184 hafiz@ilpjitra.gov.my
3	Teknologi Automotif	AUTO - 003	Vehicle Electrical System Repair	1. Examine condition of battery 2. Examine condition of starting system 3. Examine condition of ignition system 4. Examine condition of lighting system 5. Examine condition of wiper system 6. Examine condition of power window system 7. Examine condition of central locking system 8. Examine condition of alarm system	64	15	674.00	En Low Boon Poh 012-5366938 hploh@ilpjitra.gov.my
4	Teknologi Automotif	AUTO - 004	Overhaul Campro Engine	1. Overhaul, Checking & Measuring 2. Assemble Engine, Scan Tool Usage & Tuning	16	8	552.00	En Munzir bin Abdullah 019-4746770 munzir@ilpjitra.gov.my
5	Teknologi Automotif	AUTO - 005	Engine Management System Multipoint Injection (Proton Perdana)	1. Introduction of EMS 2. Engine Compartment a. Sensor & Actuator b. Fuel System c. Air Induction System d. Engine Tuning e. Lubrications 3. Using MUTII for Trouble code	16	8	352.00	En Shariffuddin bin Sidin 012-4487025 shariffuddin@ilpjitra.gov.my
6	Teknologi Automotif	AUTO - 006	Overhaul Myvi(K3) Engine	1. Knowledge product K3 engine 2. Plastic region tightening method 3. Selection bearing procedure 4. Timing chain installation	16	8	552.00	En Munzir bin Abdullah 019-4746770 munzir@ilpjitra.gov.my
7	Teknologi Elektrik	EE - 001	Domestic Wiring	1. Conduit wiring and prepare cost estimating 2. Size of cable and wiring 3. Identify location 4. Fix location and tools required 5. Install DB board 6. Terminate and inspect circuit 7. Commission the installation	24	10	667.00	En Mustafa Bin Ibrahim 04-9161926 mustafa@ilpjitra.gov.my En. Ali b. Yassin 04-9161926 ali@ilpjitra.gov.my
8	Teknologi Elektrik	EE - 002	PW 4	1. Akta, MS IEC, Peraturan letrik dan pertolongan cemas 2. Pengetahuan Elektrik Asas 3. Kabel 4. Pendawaian 5. Litar lampu 6. Alat Uji dan Pengujaan 7. Pengukuran 8. Perkakas Suis & Papan agihan 9. Perlindungan Litar 10. Pembumian 11. Sistem Perlindungan Kilat 12. Radas - Radas Elektrik 13. Rekabentuk Pemasangan Elektrik	240	15	1,800.00	En Mustafa Bin Ibrahim 04-9161926 mustafa@ilpjitra.gov.my En. Ali b. Yassin 04-9161926 ali@ilpjitra.gov.my
9	Teknologi Elektrik	EE - 003	PW2	1. Akta, MS IEC, Peraturan letrik dan pertolongan cemas 2. Pengetahuan Elektrik Asas 3. Kabel 4. Pendawaian 5. Litar lampu 6. Alat Uji dan Pengujaan 7. Pengukuran 8. Perkakas Suis & Papan agihan 9. Perlindungan Litar 10. Pembumian 11. Sistem Perlindungan Kilat 12. Radas - Radas Elektrik 13. Rekabentuk Pemasangan Elektrik	240	15	1,610.00	En Mustafa Bin Ibrahim 04-9161926 mustafa@ilpjitra.gov.my En. Ali b. Yassin 04-9161926 ali@ilpjitra.gov.my
10	Teknologi Kimpalan Arka dan Gas	WELD - 001	SMAW Process (Fundamental)	1. Identify type of material 2. Select parent metal 3. Select welding consumables 4. Handle welding consumables 5. Identify SMAW equipment 6. Setup SMAW equipment 7. Perform straight bead 8. Carry out padding/buttering process	60	10	1,050.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
11	Teknologi Kimpalan Arka dan Gas	WELD - 002	SMAW Process (Carbon Steel Plate)	1. Fabricate Joint 2. Perform fitting for joint 3. Tack weld work piece 4. Grind work piece 5. Weld c/s plate 6-9 mm (thickness) in 2F position 6. Weld c/s plate 6-9 mm (thickness) in 1G position 7. Weld c/s plate 9-12 mm (thickness) in 2G position	120	10	1,490.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my

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12	Teknologi Kimpalan Arka dan Gas	WELD - 003	SMAW Process (Carbon Steel Pipe)	1. Weld 6" - 8" c/s pipe (NPS) sch 40 in 1G position 2. Weld 2"-4" c/s pipe (NPS) sch 80 in 2G position 3. Check welding against drawing and welding procedure specification 4. Check dimension on prepared specimen 5. Check inter pass, irregularities and clean 6. Prepared welded joint for inspection 7. Check dimension, penetration, reinforcement, height, surface irregularities and misalignment 8. Check test jigs 9. Prepare specimen for mechanical test (FB, RB, NB) 10. Conduct mechanical test (FB, RB, NB)	120	10	1,540.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
13	Teknologi Kenderaan Perdagangan Berat	KPB - 001	Maintain Diesel Engine System 2	1. Engine principle and operations 2. Engine complete overhaul 3. Maintain engine systems 4. Diagnose and troubleshooting systems 5. Test engine performance.	32	12	530.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
14	Teknologi Kenderaan Perdagangan Berat	KPB - 002	Maintain Vehicle Electrical System 2	1. Electrical principle and operations 2. Service and repair starter and alternator 3. Service and repair electrical parts 4. Built electrical system wirings 5. Diagnose and troubleshooting	32	12	470.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
15	Teknologi Kenderaan Perdagangan Berat	KPB - 003	Maintain Brake System 2	1. Brake principle and operations 2. Service and repair hydraulic brake 3. Service and repair air brake 4. Repair hydrovac brake system 5. Diagnose and troubleshooting brake systems	32	12	470.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
16	Teknologi Mekanik Industri	MI - 001	Workshop Safety	1. Use Safety Attire 2. Conduct First Aid Treatment 3. Extinguisher Fire At Worksite 4. Apply company's policy safety rule and regulations	30	10	250.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my En Fauzi bin Sulong fauzi@ilpjitra.gov.my
17	Teknologi Mekanik Industri	MI - 002	Technical Drawing	1. Interpret technical drawings 2. Draw parts/objects by free hand 3. Interpret Draw Isometric And Orthographic 4. Draw basic orthographic, isometric and pictorial view	30	10	250.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my En Fauzi bin Sulong fauzi@ilpjitra.gov.my
18	Teknologi Mekanik Industri	MI - 003	Measure Of Materials	1. Identify various type of angular 2. Identify various type of measuring instrument for measuring external and internal diameter 3. Identify various type of measuring instrument for measuring thickness, height and depth 4. Identify various type of measuring instrument for checking tension, pressure and viscosity 5. Identify various type of measuring instrument for checking vibration, noise, heat and visual 6. Identify various type of measuring instrument for checking insulation, voltage, current and continuity	30	10	262.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my Pn Rahayati binti Hanafi rahayati@ilpjitra.gov.my
19	Teknologi Mekanik Industri	MI - 004	Fitting Works	1. Perform Sawing 2. Perform Filing 3. Perform Chipping 4. Perform Scraping 5. Perform Drilling 6. Perform Shearing 7. Perform Chiseling 8. Bend Materials 9. Perform Boring 10. Perform Countersunk, Counter bore And Spot Facing 11. Make Internal Tread 12. Make External Tread 13. Perform Reaming 14. Handle Materials 15. Identify Materials 16. Identify Direction Of Cutting Of Raw Materials 17. Prepare Materials For Jobs/Work	60	10	778.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my Pn Rahayati binti Hanafi rahayati@ilpjitra.gov.my
20	Teknologi Mekanik Industri	MI - 005	Joint Material	1. Identify Various Type of Rivets 2. Identify Various Type Of Seams 3. Identify Various Type Of Bonds 4. Identify Various Type Of Bolts 5. Perform Soldering 6. Perform Bonding 7. Identify Welding Plastic	30	10	446.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my En Sabarudin bin Abdul Latif sabarudin@ilpjitra.gov.my
21	Teknologi Mekanik Industri	MI - 006	Industrial Automation	1. Pneumatic / Electropneumatic Application 2. Hydraulic / Electrohydraulic Application 3. PLC Application	60	10	528.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my En Hashim bin Long hashim@ilpjitra.gov.my
22	Teknologi Mekanik Industri	MI - 007	Basic Arc Welding	1. Perform Basic SMAW Welding Perform 2. Basic GTAW (TIG) Welding 3. Perform Basic GMAW (MIG) Welding	30	10	510.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my En Sabarudin bin Abdul Latif sabarudin@ilpjitra.gov.my

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23	Teknologi Mekanik Industri	MI - 008	Basic Gas Welding	1. Perform Gas Cutting 2. Perform Brazing	30	10	510.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my En Sabarudin bin Abdul Latif sabarudin@ilpjitra.gov.my
24	Teknologi Mekanik Industri	MI - 009	Industrial Automation	1. Perform Hydraulic Lubrication 2. Check Pressure And Temperature 3. Check Leakage Check Temperature 4. Check External Leakage 5. Replace Pneumatic Components/Parts 6. Perform Bleeding 7. Maintain Oil Level/Viscosity 8. Check External Leakage 9. Replace Components/Parts 10. Check Condensate And Carbon Deposit. 11. Replace Gasket, Packing And Seal	60	10	528.00	Pn Nazariah Binti Md Zuki 04-9161926 nazariah@ilpjitra.gov.my
25	Teknologi Pembuatan (Perkakasan) - Mould	MOULD - 001	CNC EDM	1. CNC EDM die sinking machine set up, electrode set up and work piece set up 2. CNC EDM die sinking program keyed-in 3. CNC EDM die sinking work piece machined and finished 4. CNC EDM Wirecut machine set up, electrode set up and work piece set up 5. CNC EDM Wirecut program keyed-in 6. CNC EDM Wirecut work piece machined and finished	90	10	510.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
26	Teknologi Pembuatan (Perkakasan) - Mould	MOULD - 002	CNC Milling	1. CNC EDM wire cut machine set up, electrode set up and work piece set up 2. CNC EDM wire cut program keyed-in 3. CNC EDM wire cut work piece machined and finished	90	10	510.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
27	Teknologi Pemesinan Am	PAM - 001	Grinding Operation	1. Interpret part drawing 2. Set up surface grinding machine 3. Grind work piece 4. Set up grinder machines for grinding cutting tools and cutters 5. Execute tool and cutter grinding	90	10	510.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
28	Teknologi Pemesinan Am	PAM - 002	Milling Operation	1. Interpret part drawing 2. Set up milling machine 3. Set up cutting tools 4. Set up work piece 5. Execute milling operation 6. Confirm part specification	90	10	510.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
29	Teknologi Pemesinan Am	PAM - 003	Lathe Operation	1. Interpret part drawing 2. Set up lathe machine 3. Set up cutting tools 4. Set up work piece 5. Execute lathe operation 6. Confirm finished component specifications	90	10	510.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
30	Teknologi Plastik	TP/T1/01/04	Workshop Technology	1. Carry out hand tools maintenance 2. Prepare production materials 3. Prepare material status	16	15	180.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
31	Teknologi Plastik	TP/T1/02/04	Equipment Maintenance	1. Carry out plastic injection cleanliness 2. Maintain injection machine 3. Maintain platen machine 4. Maintain mould machine 5. Set-up plastic injection mould	40	15	445.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
32	Teknologi Plastik	TP/T1/03/04	Production Process	1. Prepare plastic injection machine operation 2. Carry out production process 3. Conduct last run production 4. Carry out mould unloading process 5. Carry out plastic injection machine	40	15	445.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
33	Teknologi Plastik	TP/T1/04/04	Standard Inspection Process	1. Carry out incoming inspection 2. Carry out in-process inspection 3. Carry out outgoing inspection	24	15	272.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
34	Teknologi Plastik	TP/T2/01/04	Injection moulding process	1. Set-up plastic injection operation parameter 2. Try run plastic injection machine	40	15	445.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
35	Teknologi Plastik	TP/T2/02/04	Material managemnet	1. Carry out production "run material" 2. Carry out material mixing 3. Carry out waste crushing	16	15	180.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
36	Teknologi Plastik	TP/T2/03/04	Production activity	1. Monitor periodic machine parameter 2. Monitor production target 3. Prepare production report	40	15	445.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my
37	Teknologi Plastik	TP/T2/04/04	Product quality	1. Inspect work in-progress (WIP) product quality 2. Produce customer submission data	24	15	272.00	Pn Saripah Kursiah binti Yang 04-9161926 saripah@ilpjitra.gov.my

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38	Teknologi Penyejukbekuan dan Penyeamanan Udara	PPU 01	Air Conditioning System Installation	1. Basic refrigeration and air conditioning system 2. Refrigerant piping 3. Procedure pump down and service indoor/outdoor 4. Procedure install the unit 5. Electrical wiring 6. Procedure charging the unit 7. Troubleshooting electrical and mechanical	48	10	922.00	En Mustafa Bin Ibrahim 04-9161926 mustafa@ilpjitra.gov.my En Mat Roslan Bin Sulaiman 04-9161926 roslan@ilpjitra.gov.my
39	Teknologi Penyejukbekuan dan Penyeamanan Udara	PPU 02	Basic Refrigeration & Air Conditioning	1. Basic refrigeration 2. Basic piping and connection 3. Basic electrical 4. Basic charging	24	10	480.00	En Mustafa Bin Ibrahim 04-9161926 mustafa@ilpjitra.gov.my En Mat Roslan Bin Sulaiman 04-9161926 roslan@ilpjitra.gov.my
40	Teknologi Penyejukbekuan dan Penyeamanan Udara	PPU 03	Service Air Conditioning System	1. Introduction to basic air conditioning system and service 2. Procedure major servicing indoor and outdoor air conditioning system (overhaul unit) 3. Electrical wiring, testing and commissioning 4. Procedure minor servicing indoor and outdoor air conditioning system (general service) 5. Procedure check the serviceability of control device and wiring circuit	24	10	460.00	En Mustafa Bin Ibrahim 04-9161926 mustafa@ilpjitra.gov.my En Mat Roslan Bin Sulaiman 04-9161926 roslan@ilpjitra.gov.my
41	Teknologi Penyejukbekuan dan Penyeamanan Udara	PPU 04	Automotive Air Conditioning	1. Basic mechanical components and refrigeration cycle 2. Check the mechanical, components and piping 3. Interpret mechanical diagram 4. Basic electrical automobile components air conditioning 5. Check component and electrical fault 6. Check electrical control component 7. Check pressure, temperature, leakage and dented tube according to specification 8. Check and interpret automobile air conditioning electrical wiring diagram 9. Trace automobile air conditioning wiring and detect electrical faults	32	10	695.00	En Mustafa Bin Ibrahim 04-9161926 mustafa@ilpjitra.gov.my En Mat Roslan Bin Sulaiman 04-9161926 roslan@ilpjitra.gov.my