

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

Untuk maklumat lanjut sila hubungi:

Institut Latihan Perindustrian (ILP) Perai, Lorong Perusahaan Perai 1, Kawasan Perusahaan Perai, 13600 Perai, Pulau Pinang
 || Tel: 04-390 7335 / 390 7269 || Faks: 04-398 6964 || website: www.ilpperai.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 Kimpalan Arka dan Gas	KIM/T1/01/06	Modul 1 - Workshop Practice	<ol style="list-style-type: none"> 1. Comply with shop & equipment safety rules 2. Adhere to worksite safety requirement 3. Report unsafe acts and condition, accidents and injuries 4. Extinguish fire during fire break out 5. Perform emergency first aid treatment 6. Conduct Artificial Respiration 7. Measure, mark and cut material 8. Perform filing works 9. Perform drilling works 10. Check tolerance of workpiece 	60	8	758.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
2	Teknologi Kimpalan Arka dan Gas	KIM/T1/02/06	Modul 2 - Cutting Process	<ol style="list-style-type: none"> 1. Set up gas cutting equipment and accessories 2. Lay out material for cutting processes 3. Set up gas cutting flame 4. Cut material using gas cutting process 5. Cut metal using disc cutter 6. Cut metal using power saw 	60	8	899.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
3	Teknologi Kimpalan Arka dan Gas	KIM/T1/03/06	Modul 3 - Fabrication Drawing	<ol style="list-style-type: none"> 1. Manual technical drawing (equipment) 2. Manual technical drawing (lines) 3. Manual technical drawing (orthographic projection) 4. Manual technical drawing (isometric) 5. Interpret various types of joints in welding 6. Interpret various symbols used in welding 7. Interpret various process in welding 8. Interpret Welding Procedure for intended welding 	60	8	758.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
4	Teknologi Kimpalan Arka dan Gas	KIM/T1/04/06	Modul 4 - SMAW Process - Fundamental	<ol style="list-style-type: none"> 1. Identify type of materials 2. Select parent metal of welding 3. Select welding consumables 4. Handle welding consumables (identify, segregate, store & brake) 5. Identify SMAW equipment 6. Set up SMAW equipment and accessories 7. Perform straight bead 8. Carry out padding/buttering proces 	60	8	838.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
5	Teknologi Kimpalan Arka dan Gas	KIM/T1/05/06	Modul 5 - SMAW Process - Carbon Steel Plate 1	<ol style="list-style-type: none"> 1. Fabricate joints for a given job. 2. Perform fitting for joint. 3. Tack weld work piece. 4. Grind work piece. 5. Weld, carbon steel plate of thickness range 6 mm to 9 mm, in 2F position. 6. Weld, carbon steel plate of thickness range 6mm to 9mm, in 1G position. 7. Weld, carbon steel plate of thickness range 9 mm to 12 mm in 2G position. 	120	8	1,521.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
6	Teknologi Kimpalan Arka dan Gas	KIM/T1/06/06	Modul 4 - SMAW Process - Carbon Steel pipe 1	<ol style="list-style-type: none"> 1. Weld, schedule 40 carbon steel pipe of size 6- 8 inches nominal pipe size (NPS), in 1G position 2. Weld, sch 80 carbon steel pipe of size range 2 to 4 inches nominal size (NPS), in 2G position 3. Check welding against drawing and welding procedure specification 4. Check dimension on prepared specimens 5. Check inter pass irregularities and clean 6. Prepare welded joint for inspection 7. Check dimension, penetration, reinforcement, height, surface irregularities and misalignment 8. Check test jigs (bend and nick break tests) 9. Prepare specimen for mechanical test (FB, RB, NB). 10. Conduct mechanical tests (FB, RB, NB) 	120	8	1,606.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
7	Teknologi Kimpalan Arka dan Gas	KIM/T2/01/03	Modul 1 - SMAW Process - Carbon Steel Plate 2	<ol style="list-style-type: none"> 1. Weld, carbon steel plate of thickness range 9 to 12 mm in vertical up 3F position 2. Weld, carbon steel plate of thickness range 9 to 12 mm in vertical up 3G position 3. Weld, carbon steel plate of thickness range 9 to 12 mm in 4G position 	120	8	1,559.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
8	Teknologi Kimpalan Arka dan Gas	KIM/T2/02/03	Modul 2 - SMAW Process - Carbon Steel Pipe 2	<ol style="list-style-type: none"> 1. Set up gas and equipment 2. Prepare workpiece for pre-heating, interpass and PWHT process 3. Apply heat uniformly on parent meta 4. Check surface temperature using temperstick / surface pyrometer 5. Weld, sch 40 carbon steel pipe of size range 6 to 8 inches nominal size (NPS), in 5G position 	120	8	1,574.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
9	Teknologi Kimpalan Arka dan Gas	KIM/T2/03/03	Modul 3- SMAW Process - Dissimilar Metal	<ol style="list-style-type: none"> 1. Cut workpiece using air plasma cutting equipment 2. Weld, stainless steel plate of thickness range 6 to 9 mm in 2G position 3. Weld, dissimilar metal carbon steel to stainless steel plate of thickness range 6 to 9 mm in 1G position 	120	8	1,496.00	Nama : Mohd Zaid bin Ain @ Ibrahim No Tel : 04-3907269 Emel : m_zaid@itm.gov.my
10	Teknologi Komputer (Sistem)	TKS/T2/01/05	Modul 1 - Computer Assembly	<ol style="list-style-type: none"> 1. Maintain computer system work area 2. Setup computer system unit and peripherals components 3. Software installation 	120	8	1,525.00	Nama : Ahmad Fairuz bin Saad No Tel : 04-3907269 Emel : ahmadfairuz@itm.gov.my
11	Teknologi Komputer (Sistem)	TKS/T2/02/05	Modul 2 - Computer Maintenance	<ol style="list-style-type: none"> 1. Diagnose system error log/beeps 2. Comply with company security policy 3. Diagnose computer and laptop threats 4. Maintain computer and laptop system unit and peripherals 5. Execute data backup and store customer data/information 	90	8	1,189.00	Nama : Ahmad Fairuz bin Saad No Tel : 04-3907269 Emel : ahmadfairuz@itm.gov.my

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12	Teknologi Komputer (Sistem)	TKS/T2/03/05	Modul 3 - Computer Troubleshooting	1. Inspect internal and external computer and laptop power supply devices 2. Check computer and laptop system 3. Replace computer and laptop faulty component	60	8	872.00	Nama : Ahmad Fairuz bin Saad No Tel : 04-3907269 Emel : ahmadfairuz@jtm.gov.my
13	Teknologi Komputer (Sistem)	TKS/T2/04/05	Modul 4 - Computer Upgrading	1. Upgrade computer and laptop system unit components 2. Check computer and laptop system software 3. Update computer and laptop software	60	8	872.00	Nama : Ahmad Fairuz bin Saad No Tel : 04-3907269 Emel : ahmadfairuz@jtm.gov.my
14	Teknologi Komputer (Sistem)	TKS/T2/05/05	Modul 5 - Basic Networking	1. Set up computer network cable 2. Design computer network environment 3. Set up client network operating system	60	8	919.00	Nama : Ahmad Fairuz bin Saad No Tel : 04-3907269 Emel : ahmadfairuz@jtm.gov.my
15	Teknologi Automotif	AUTO/T1/01/06	Modul 1 - Petrol Fuel System	1. Carry out fuel tank replacement 2. Carry out electrical fuel pump replacement 3. Determine vehicle fuel system function 4. Replace mechanical fuel pump	60	8	905.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
16	Teknologi Automotif	AUTO/T1/01/07	Modul 2 - Electrical & Electronic System 1	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	60	8	855.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
17	Teknologi Automotif	AUTO/T1/01/08	Modul 3 - Brake System	1. Replace vehicle brake pads and brake disc 2. Replace brake drum and lining 3. Rectify parking brake 4. Rectify brake master pump 5. Rectify brake calliper and brake wheel cylinder 9. Replace front and rear wheel bearing 10. Carry out Brake Booster Replacement	60	8	938.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
18	Teknologi Automotif	AUTO/T1/01/09	Modul 4 - Vehicle Periodical Maintenance	1. Carry out vehicle inspection 2. Carry out engine lubrication service 3. Carry out vehicle schedule maintenance	30	8	615.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
19	Teknologi Automotif	AUTO/T1/01/10	Modul 5 - Workshop Practice	1. Carry out workshop safety practices 2. Carry out bench fitting activities 3. Carry out workshop tools maintenance 4. Carry out basic welding activities 5. Carry out workshop equipment management	120	8	1,619.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
20	Teknologi Automotif	AUTO/T1/01/11	Modul 6 - Transmission System 1	1. Replace vehicle clutch cable 2. Rectify hydraulic clutch system 3. Rectify vehicle clutch assembly 4. Rectify drive shaft assembly 5. Rectify propeller shaft assembly 6. Rectify drive shaft assembly 7. Service gear shift linkages	60	8	930.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
21	Teknologi Automotif	AUTO/T1/01/12	Modul 1 - Engine Maintenance	1. Determine engine condition 2. Carry out engine top overhaul 3. Carry out engine overhaul	120	8	1,691.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
22	Teknologi Automotif	AUTO/T1/01/13	Modul 2 - Diesel Fuel System 1	1. Carry out diesel fuel injectors servicing 2. Carry out diesel fuel injection pump timing 3. Determine diesel fuel system function 4. Rectify diesel pre heating system	60	8	952.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
23	Teknologi Automotif	AUTO/T1/01/14	Modul 3 - Steering System	1. Rectify steering tie-rod end 2. Rectify steering rack dust cover 3. Carry out manual steering rectification work 4. Carry out power steering rectification work 5. Carry out tyre changing 6. Carry out vehicle wheel balancing 7. Carry out vehicle wheel alignment 8. Carry out power steering functionality test	60	8	1,024.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
24	Teknologi Automotif	AUTO/T1/01/15	Modul 4 - Air-Conditioning System	1. Replace air-conditioning belt and tensioner assembly 2. Replace air-conditioning evaporator air filter 3. Recover and recycle air-conditioning refrigerant 4. Carry out air-conditioning receiver drier replacement 5. Carry out air-conditioning expansion valve replacement 6. Carry out air-conditioning system flushing	60	8	999.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
25	Teknologi Automotif	AUTO/T1/01/16	Modul 5 - Transmission System 2	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	60	8	958.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
26	Teknologi Automotif	AUTO/T1/01/17	Modul 6 - Suspension System	1. Replace vehicle suspension bushes 2. Replace front shock absorbers 3. Replace rear shock absorbers 4. Replace vehicle leaf springs assembly 5. Carry out Macpherson strut assembly replacement 6. Carry out suspension ball joint replacement 7. Carry out suspension bushes replacement 8. Carry out control arm replacement	60	8	1,036.00	Nama : Zaidi bin Abd Rahman No Tel : 04-3907269 Emel : zaidi.rahman@jtm.gov.my
27	Pusat Sumber dan Multimedia	PSM - 001	Microsoft Word 2007	Basic Microsoft Word 2007	8	8	102.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my
28	Pusat Sumber dan Multimedia	PSM - 002	Microsoft Excel 2007	Basic Microsoft Excel 2007	8	8	102.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my

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29	Pusat Sumber dan Multimedia	PSM - 003	Microsoft Power Point 2007	Basic Microsoft Power Point 2007	8	8	102.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my
30	Pusat Sumber dan Multimedia	PSM - 004	Microsoft Office 2010	1. Difference between Microsoft Office 2010 & 2007 2. New Function in Microsoft Office 2010	16	8	190.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my
31	Pusat Sumber dan Multimedia	PSM - 005	Adobe Photoshop - Basic	Tools, effect, blending and text	16	8	315.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my
32	Pusat Sumber dan Multimedia	PSM - 006	Digital Photography - Basic	Shutter, aperture, ISO, white balance, framing	16	8	315.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my
33	Pusat Sumber dan Multimedia	PSM - 007	Digital Video - Basic	Video camera works and shooting technique	16	8	315.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my
34	Pusat Sumber dan Multimedia	PSM - 008	Adobe Premier - Basic	Video editing, tools, rendering, transition	16	8	315.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my
35	Pusat Sumber dan Multimedia	PSM - 009	Adobe Flash - Basic	Tools, transition, movement, animation	16	8	315.00	Nama : Tan Kea Cheng No Tel : 04-3907269 Emel : keacheng@jtm.gov.my