

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

Untuk maklumat lanjut sila hubungi:

Pusat Latihan Teknologi Tinggi (ADTEC), Bandar Vendor Taboh Naning, 78000 Alor Gajah, Melaka.
 || Tel: 06-5527227 || Faks: 06-5527231 || website: www.adtecmk.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/T1/01/07	Modul 1 - Workshop Practice	1. Workshop safety practices 2. Bench fitting activities 3. Workshop tools maintenance 4. Basic welding activities 5. Workshop equipment management	30	10	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
2	Teknologi Automotif	AUTO/T1/02/07	Modul 2 - Periodical Maintenance	1. Carry out vehicle inspection, engine lubrication service and vehicle schedule maintenance 2. Replace vehicle clutch cable 3. Rectify hydraulic clutch system, vehicle clutch assembly, drive shaft assembly, propeller shaft assembly, half shaft assembly 4. Service gear shift linkages	30	10	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
3	Teknologi Automotif	AUTO/T1/03/07	Modul 3 - Petrol Engine 1	1. Rectify engine cooling system 2. Rectify engine lubricating system 3. Determine engine condition 4. Carry out engine top overhaul 5. Determine vehicle fuel system function 6. Replace mechanical fuel pump	30	10	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
4	Teknologi Automotif	AUTO/T1/04/07	Modul 4 - Diesel Fuel System	1. Determine diesel fuel system function 2. Rectify diesel pre-heating system	30	10	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
5	Teknologi Automotif	AUTO/T1/05/07	Modul 5 - Chassis System 1	1. Replace vehicle brake pads, brake disc, brake drum and brake lining 2. Rectify parking brake, brake master pump, brake calipers, wheel cylinders, steering tie-rod end and steering knuckle assembly 3. Replace steering rack dust cover, front wheel bearings, rear wheel bearings, vehicle suspension bushes, front shock absorber, rear shock absorber and vehicle leaf springs assembly	30	10	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
6	Teknologi Automotif	AUTO/T1/06/07	Modul 6 - Automotive Electrical 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	30	10	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
7	Teknologi Automotif	AUTO/T1/07/07	Modul 7 - Air Conditioning System 1	1. Replace air-conditioning belt and tensioner assembly 2. Replace air-conditioning evaporator air filter 3. Recover and recycle vehicle air-conditioning refrigerant	30	10	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
8	Teknologi Automotif	AUTO/T3/01/07	Module 1 - Automotive Chassis System	1. Brake system performance 2. Anti-Lock Braking System 3. Road test analysis	30	10 orang	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
9	Teknologi Automotif	AUTO/T3/02/07	Module 2 - Automotive Electrical System	1. Power Window System 2. Air Bag System 3. Alarm & Central Lock System 4. Auto Cruise System	30	10 orang	420.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
10	Teknologi Automotif	AUTO/T3/03/07	Module 3 - Diesel Fuel System	1. Component of system 2. Principle operation 3. Service & installation	30	10 orang	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
11	Teknologi Automotif	AUTO/T3/04/07	Module 4 - Transfer Box Maintenance	1. Component of system 2. Principle operation of 4WD system 3. Service & installation	30	10 orang	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
12	Teknologi Automotif	AUTO/T3/05/07	Module 5 - Automatic Transmission System	1. Auto transmission layout 2. Torque converter operation 3. Planetary gear construction & operation 4. Clutches, bands & servos	30	10 orang	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
13	Teknologi Automotif	AUTO/T3/06/07	Module 6 - Engine Management System	1. Component of system 2. Sensor, Actuator & Electronic Control Unit (ECU) 3. Performance test	30	10 orang	420.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
14	Teknologi Automotif	AUTO/T3/07/07	Module 7 - Automotive Turbocharger System	1. Component of system 2. Boost pressure testing 3. Installation	30	10 orang	450.00	Nama : Khairul Anwar bin Salleh No Tel : 012-6582176 Emel : khairulanwar78@yahoo.com
15	Teknologi Mekatronik	MEKA/T2/01/09	Mechanical Equipment Maintenance	1. Perform Mechanical Equipment Maintenance 2. Perform Drive And Transmission Maintenance	60	10	390.00	Nama : Shikh Ismail Fairus bin Shikh Zakaria No Tel : 06-5527277/78 Emel : fairuz@adtecmk.gov.my
16	Teknologi Mekatronik	MEKA/T2/02/09	Electrical Equipment Maintenance	Perform Electrical Equipment Maintenance	60	10	370.00	Nama : Rezawati binti Ismail No Tel : 06-5527275 Emel : rezawati@adtecmk.gov.my
17	Teknologi Mekatronik	MEKA/T2/03/09	Electronic Equipment Maintenance	1. Perform Electronic Equipment Maintenance 2. Perform Detection System Maintenance	60	10	370.00	Nama : Rezawati binti Ismail No Tel : 06-5527275 Emel : rezawati@adtecmk.gov.my
18	Teknologi Mekatronik	MEKA/T2/04/09	Hydraulic System	Perform Hydraulic Maintenance	60	10	380.00	Nama : Shaari bin Abd Hashim No Tel : 06-5527277/78 Emel : shaari@adtecmk.gov.my
19	Teknologi Mekatronik	MEKA/T2/05/09	Pneumatic System	Perform Pneumatic Maintenance	60	10	380.00	Nama : Letchume A/P Kanniapan No Tel : 06-5527274 Emel : letchume@adtecmk.gov.my
20	Teknologi Mekatronik	MEKA/T2/06/09	Jigs and Fixtures Maintenance	1. Perform Tool, Jigs and Fixtures Maintenance 2. Perform Preventive Maintenance	60	10	380.00	Nama : Mohd Ekhwam bin Rahim No Tel : 06-5527277/78 Emel : mohdekhwan@adtecmk.gov.my

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21	Teknologi Mekatronik	MEKA/T2/07/09	Industrial Automation system	1. Perform Programmable Logic Controller (PLC) Maintenance 2. Perform Robot Maintenance (conditionand safety check)	60	10	400.00	Nama : Shaari bin Abd Hashim No Tel : 06-5527277/78 Emel : shaari@adtecmkl.gov.my
22	Teknologi Mekatronik	MEKA/T2/08/09	Machine Operation	Ensure Tools, Jigs and Fixtures Functionality	60	10	370.00	Nama : Mohd Ekhwan bin Rahim No Tel : 06-5527277/78 Emel : mohdekhwan@adtecmkl.gov.my
23	Teknologi Mekatronik	MEKA/T2/09/09	Industrial Control	1. Configure Programmable Logic Controller (PLC) 2. Monitor Process Parameters	60	10	400.00	Nama : Ulayya binti Md Ghaus No Tel : 06-5527274 Emel : ulayya@adtecmkl.gov.my
24	Teknologi Mekatronik	MEKA/T3/01/05	Industrial Robot	Perform Robot Maintenance	60	10	400.00	Nama : Ulayya binti Md Ghaus No Tel : 06-5527274 Emel : ulayya@adtecmkl.gov.my
25	Teknologi Mekatronik	MEKA/T3/02/05	Preventive Maintenance	Perform Preventive Maintenance	30	10	206.00	Nama : Syamsul Halim bin Wahab No Tel : 06-5527277/78 Emel : syamsul@adtecmkl.gov.my
26	Teknologi Mekatronik	MEKA/T3/03/05	Networking System	Perform Operation and Network System Check	60	10	400.00	Nama : Syamsul Halim bin Wahab No Tel : 06-5527277/78 Emel : syamsul@adtecmkl.gov.my
27	Teknologi Mekatronik	MEKA/T3/04/05	Supervisory Functions	Perform Supervisory Functions	60	10	370.00	Nama : Rezawati binti Ismail No Tel : 06-5527275 Emel : rezawati@adtecmkl.gov.my
28	Teknologi Mekatronik	MEKA/T3/05/05	Administrative Functions	Perform Administrative Functions	30	10	206.00	Nama : Rezawati binti Ismail No Tel : 06-5527275 Emel : rezawati@adtecmkl.gov.my
29	Teknologi Mekatronik	MEKA/T4/01/07	Product Manufacturing	Analyse Mechatronic Product Manufacturability	30	10	206.00	Nama : Norhayati binti Ahmad No Tel : 06-5527273 Emel : norhayati@adtecmkl.gov.my
30	Teknologi Mekatronik	MEKA/T4/02/07	Product Design	Develop Mechatronic Product Design (Mini Project)	60	10	370.00	Nama : Roshazad bin Ruslan No Tel : 06-5527277/78 Emel : roshazad@adtecmkl.gov.my
31	Teknologi Mekatronik	MEKA/T4/03/07	Product Fabrication	Manage Mechatronic Product Fabrication (Mini Project)	60	10	370.00	Nama : Roshazad bin Ruslan No Tel : 06-5527277/78 Emel : roshazad@adtecmkl.gov.my
32	Teknologi Mekatronik	MEKA/T4/04/07	Industrial Quality Management	Establish Occupational Safety and Health (OSH) Enviroment Programme	15	10	128.00	Nama : Letchume A/P Kanniapan No Tel : 06-5527274 Emel : letchume@adtecmkl.gov.my
33	Teknologi Mekatronik	MEKA/T4/05/07	Project Manufacturing	1. Plan Project Part in Place Schedule 2. Monitor Mechatronic Product Assemblies 3. Monitor Mechatronic Project Trials (Pilot) 4. Conduct Pre-Delivery Product Inspection 5. Prepare Product Instruction Manual (Mini Project)	60	10	370.00	Nama : Shikh Ismail Fairuz bin Shikh Zakaria No Tel : 06-5527277/78 Emel : fairuz@adtecmkl.gov.my
34	Teknologi Mekatronik	MEKA/T4/06/07	Machine Installation	1. Conduct Mechatronic Installation and Commissioning 2. Conduct Mechatronic On- side Survey 3. Conduct Equipment and Machinery Setup (Mini Project)	60	10	370.00	Nama : Mohd Ekhwan bin Rahim No Tel : 06-5527277/78 Emel : mohdekhwan@adtecmkl.gov.my
35	Teknologi Mekatronik	MEKA/T4/07/07	Equipment Maintenance	1. Coordinate Equipment Maintenance 2. Conduct Mechatronic Equipment Troubleshooting	30	10	206.00	Nama : Shaari bin Abd Hashim No Tel : 06-5527277/78 Emel : shaari@adtecmkl.gov.my
36	Tek. Pembuatan Perkakasan	PEMK - 001	Die Design 1	1. Classification of die operation 2. Die construction 3. Blanking and piercing	30	10 orang	250.00	Nama : Nor Mohamad bin Sulong (Ketua Bahagian)
37	Tek. Pembuatan Perkakasan	PEMK - 002	Mould Design 1	1. Introduction to mould design & concept 2. Mould componenet and functionality 3. Feed system design (runner and gate) 4. Ejection system design 5. Cooling system design 6. Mould system calculation	30	10 orang	250.00	Nama : Nor Mohamad bin Sulong (Ketua Bahagian)
38	Tek. Pembuatan Perkakasan	PEMK - 003	Basic Surface Grinding	1. Wheel Balancing & Installation 2. Workpiece alignment 3. Carry out surface grinding	30	10 orang	300.00	Nama : Nor Mohamad bin Sulong (Ketua Bahagian)
39	Tek. Pembuatan Perkakasan	PEMK - 004	Tool and Cutter Grinding	1. Basic Tool and Cutter Grinder 2. Machine set up 3. Carry out Tool and Cutter grinding (End Mill/Slot Drill)	30	10 orang	300.00	Nama : Nor Mohamad bin Sulong (Ketua Bahagian)
40	Tek. Pembuatan Perkakasan	PEMK - 005	EDM operation	1. Introduction to Electrical Discharge Machine (EDM) 2. Outline of CNC Programming code for EDM 3. Workpiece, tools and machine set up 4. Introduction to machine operation 5. 2-axis and 4-axis cutting 6. Punch and die cutting 7. Machine parameter setup 8. Machine preventive maintenance	30	10 orang	400.00	Nama : Nor Mohamad bin Sulong (Ketua Bahagian)
41	Tek. Pembuatan Perkakasan	PEMK - 006	CNC Milling	1. CNC milling Programming 2. Machine configuration 3. Key in programme 4. Set up milling cutting tool 5. Set up work piece 6. Machining process	30	10 orang	400.00	Nama : Nor Mohamad bin Sulong (Ketua Bahagian)

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42	Tek. Pembuatan Perkakasan	PEMK - 007	Modul 5 - Mould Design 2	1. Introduction to mould design concept 2. Product detail drawing 3. Mould design drawing (core and cavity) 4. Mould calculation 5. Mould feeding system 6. Cooling system 7. Mould ejector system 8. Runner and gate system 9. Mould align and fastener system	30	10 orang	250.00	Nama : Nor Mahamad bin Sulang (Ketua Bahagian)
43	Teknologi Telekomunikasi	TELE - 001	Conduct Site Survey (L2)	1. Identify customer needs 2. Prepare For Site Visits 3. Compile site information 4. Prepare site documentation	16	10	230.00	Nama : Lim Kin Sang No Tel : 06-5527269 Emel : kslimy@yahoo.com
44	Teknologi Telekomunikasi	TELE - 002	Install Equipment and Lines (L2)	1. Run Telecommunication Cable 2. Connect Cable To Termination Point 3. Test Lines 4. Install CAN Equipment 5. Establish Voice Equipment Connection 6. Establish Non-Voice Equipment Connection 7. Install Radio-Loop Equipment 8. Install Radio-Loop Antenna 9. Commission Lines and Equipment 10. Configure CAN Equipment	32	10	800.00	Nama : Lim Kin Sang No Tel : 06-5527269 Emel : kslimy@yahoo.com
45	Teknologi Telekomunikasi	TELE - 003	Maintain Network Performance (L4)	1. Perform On-Site Inspection 2. Solve Network Problems On-Site 3. Establish Cabling Requirements 4. Establish/update Network Database 5. Establish Software Configuration for CAN Equipment	16	10	260.00	Nama : Lim Kin Sang No Tel : 06-5527269 Emel : kslimy@yahoo.com
46	Teknologi Telekomunikasi	TELE - 004	Basic Electronics Troubleshooting	1. Electronics circuit building a. Circuit diagram reading b. Identify components c. Components checking and verification 2. Basic Testing & Troubleshooting a. Symptom analysis and diagnostics b. Testing with a meter c. Testing with an oscilloscope d. Signal injection and signal tracing 3. Repairing & Replacing a. Soldering techniques b. Board repairing techniques 4. Practical: Repairing radio circuit	16	10	390.00	Nama : Lim Kin Sang No Tel : 06-5527269 Emel : kslimy@yahoo.com
47	Teknologi Telekomunikasi	TELE - 005	Fundamentals of DSLR Photography	1. Introduction to DSLR 2. Exposure 3. Shooting Mode 4. Aperture 5. Shutter Speed 6. ISO 7. White Balance 8. Grouping 9. Metering system 10. Focusing System 11. Drive Mode 12. Lens 13. Composition Technique 14. Flash System 15. Outdoor Photography Session 16. Photo Sharing & Critic 17. Post Editing Session 18. Group Presentation 19. Closing	28	5	340.00	Nama : Amirul bin Ismail No Tel : 06-5527269 Emel : directentry2001@yahoo.com
48	Teknologi Telekomunikasi	TELE - 006	Setup LAN Wired and Wireless	1. Introduction to Networking (Theory and hands-on) 2. Network cabling (Theory and hands-on) 3. Wireless setup and configuration (Hands-on)	24	10	570.00	Nama : khadijah binti Staari No Tel : 06-5527269 Emel : khadijahstaari@gmail.com
49	Teknologi Telekomunikasi	TELE - 007	Photo Manipulation Using Photoshop	1. Getting to know the work area 2. Basic Photo Corrections 3. Working with selections 4. Layer basics 5. Masks and channels 6. Correcting and enhancing digital photographs 7. Typographic Design 8. Vector Drawing Techniques 9. Advanced Layering 10. Advanced compositing 11. Preparing files for the web 12. Working with 3D images 13. Working with scientific images 14. Producing and printing consistent color	32	10	320.00	Nama : Amirul bin Ismail No Tel : 06-5527269 Emel : directentry2001@yahoo.com
50	Teknologi Telekomunikasi	TELE - 008	Basix PABX Telephony System	1. Telephone network Versus PABX system 2. Telephone switching uses in PABX 3. Type of PABX system 4. Configuration of a specific PABX system	16	8	330.00	Nama : Lim Kin Sang No Tel : 06-5527269 Emel :
51	Teknologi Telekomunikasi	TELE - 009	Pre-class of CCNA (Routing)	1. Determine IP Routes a. Routing Overview b. Enabling static routes c. InterVLAN Routing 2. Configuring IP Routing Protocols a. RIP b. IGRP c. EIGRP d. OSPF	24	15	210.00	Nama : Khadijah binti Staari No Tel : 06-5527269 Emel : khadijahstaari@gmail.com

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52	Teknologi Telekomunikasi	TELE - 010	Route To Qualify Amateur Radio (RAE)	1. Introduction to Amateur Radio 2. Regulation of Amateur Radio 3. Amateur Radio In Local Society 4. Radio In Communication World 5. Hand On With Air Band Radio 6. Review Of RAE 7. Sillabus Content Of RAE 8. Questions & Answering In RAE 9. RAE Tutorials	16	15	210.00	Nama : Lim Kin Sang No Tel : 06-5527269 Emel : kslimy@yahoo.com