

MODULAR COURSES

OFFERED AT ADTEC

SHAH ALAM YEAR 2010

CODE	RA 01
COURSE TITLE	INSTALLATION & OPERATION OF AIR-CONDITIONING SYSTEM (BASIC & INTERMEDIATE)
DURATION (HOURS)	32 HOURS
FEES (RM)	800
HRDB SCHEME	SBL
CAPACITY (MIN)	10
COURSE INTRODUCTION	Introduction to air-conditioning principle and system, Air Conditioning basic components, space capacity calculation and system design, Introduction to gas welding and 'brazing' with 'silfos and brass', Refrigeration and Air-Conditioning wiring system
PRACTICAL	1. Perform basic technique of gas welding , brazing, silfos and brass for assemble piping in air-conditioning system
COURSE CONTENTS (DETAILS)	<ol style="list-style-type: none"> 1. An introduction to RAC fundamentals 2. Air conditioning type 3. Air conditioning parts and components 4. Electrical wiring for air conditioning 5. Basic works for air conditioning 6. Installation 7. Test and Commissioning 8. Inspection, service and maintenance (mechanical and electrical) 9. Write the report
PERSON IN CHARGE	MR. THARMINDRAN a/l SUBRAMANIAM

CODE	RA 02
COURSE TITLE	MAINTENANCE & REPAIR OF AIR-CONDITIONER (SPLIT-UNIT)
DURATION (HOURS)	16 HOURS
FEES (RM)	680
HRDB SCHEME	SBL
CAPACITY (MIN)	10
COURSE INTRODUCTION	Air-conditioning system, wiring system and device. Purging system, charging system. Technique of pump down, Installation, commissioning. Techniques of repairing and fault detection/ troubleshooting.
PRACTICAL	Perform technique of charging, pump down, install, commissioning the air-conditioning system
COURSE CONTENTS (DETAILS)	<ol style="list-style-type: none"> 1. Selection of suitable installation site. 2. Install split type air conditioning unit. 3. Install system piping. 4. Connecting electrical system of split type air conditioning unit
PERSON IN CHARGE	MR. THARMINDRAN a/l SUBRAMANIAM

CODE	RA 03
COURSE TITLE	AUTOMOBILE AIR-CONDITIONING SYSTEM (THEORY & PRACTICE)
DURATION (HOURS)	16 HOURS
FEES (RM)	680
HRDB SCHEME	SBL
CAPACITY (MIN)	8
COURSE INTRODUCTION	Introduction to air-conditioning principle and system, Air Conditioning basic components, wiring system and device, purging system, charging system, technique pump down, installation and commissioning, Troubleshoot.
PRACTICAL	Perform technique of charging, pump down, install, commissioning the automobile air-conditioning system
COURSE CONTENTS (DETAILS)	<ol style="list-style-type: none"> 1. Air Conditioning Principles 2. Air Conditioning System Components 3. Air Conditioning Controls 4. Refrigeration and Troubleshooting
PERSON IN CHARGE	MR. THARMINDRAN a/l SUBRAMANIAM