



DepED MEMORANDUM
No. **320**, s. 2009

JUL 20 2009

RESCHEDULING OF THE SKILLS ENHANCEMENT TRAINING
FOR NON-TEACHING PERSONNEL IN 282 TECH-VOC
HIGH SCHOOLS NATIONWIDE

To: Bureau Directors
Regional Directors
Schools Division/City Superintendents
Heads, Public Secondary Schools

1. Pursuant to DepED Memorandum No. 181, s. 2009, the Department of Education (DepED) through the Technical-Vocational Task Force (DepED-TVTF) announces the rescheduling of the conduct of the Skills Enhancement Training for Non-Teaching Personnel in 282 Tech-Voc High Schools on the following dates and venues:

Cluster	Inclusive Dates	Venue
I	August 4-6, 2009	Tagaytay Haven, Tagaytay City
II	August 11-13, 2009	Cebu Business Hotel, Cebu City
III	August 18-20, 2009	Manila
IV	August 25-27, 2009	Davao City

- Participants to this training shall be two (2) non-teaching personnel, preferably those involved in the procurement/purchase of supplies/tools/equipment in their school. Participants are required to bring with them the duly accomplished list of basic equipment, tools and safety equipment with the corresponding technical specification and market price per item.
- The List of Technical Vocational Schools per cluster, Program of Activities and List of Basic Equipment per area of specialization are in Enclosure Nos. 1, 2 and 3 respectively.
- Participants are advised to attend only on the specified dates and venue. Check-in and check-out from the hotel shall be the day before/after the scheduled training.
- All other guidelines stipulated in the aforesaid Memorandum shall remain.
- Immediate and wide dissemination of this Memorandum is desired.


VILMA L. LABRADOR
Undersecretary

Encls.: As stated

Reference: DepED Memorandum: (No. 181, s. 2009)

Allotment: 1—(D.O. 50-97)

To be indicated in the Perpetual Index under the following subjects:

✓CHANGE

✓TECHNICAL EDUCATION

✓TRAINING PROGRAMS

✓VOCATIONAL EDUCATION

Enclosure No. 1 of DepED Memorandum No. 320, s. 2009

LIST OF SCHOOLS PER CLUSTER

CLUSTER I – AUGUST 4-6, 2009, TAGAYTAY HAVEN, TAGAYTAY CITY (106 participants)

Region III	Region IVA	NCR
<ol style="list-style-type: none"> 1. Maria Aurora NHS 2. Angeles City NTS 3. Bataan SOF 4. AFG Bernardino Mem. TS 5. Balagtas AHS 6. Fortunato F. Halili NAS 7. Guigunito VHS 8. Obando SOF 9. San Jose Del Monte NTS 10. San Rafael NTS 11. Gabaldon VAHS 12. Jorge M. Padilla NHS - Annex 13. Sto. Domingo NTS 14. Apalit Technical School 15. Floridablanca NAS 16. San Vicente Pilot Sch for Phil. Craftsmen 17. Benigno S. Aquino NHS 18. Camiling School for HI 19. Capas NHAS 20. Eduardo Cojuangco NVHS 21. La Paz HS 22. Candelaria SF 23. Malolos Marine Fishery Sch & Lab 	<ol style="list-style-type: none"> 1. Bauan National Agricultural & VHS 2. Bauan Technical High School 3. Malvar NHS 4. Tanauan SOF 5. Amaya Sch of Home Ind. 6. Gen. Mariano Alvarez THS 7. Tanza National Trade School 8. San Pedro Relocation Center NHS 9. Siniloan National High School 10. Bondoc Peninsula AHS 11. M.S. Enverga Mem Col of A&T 12. Lamong Bay School of Fisheries 13. Calamba Bayside NHS 14. San Narciso Vocational HS 	<ol style="list-style-type: none"> 1. E. Rodriguez Vocational High School 2. Elpidio Quirino HS 3. A.J. Villegas Voc HS 4. Benigno Aquino HS 5. Concepcion HS 6. Muntinlupa Business High School 7. Pedro Dias HS 8. Rizal Experimental Station (RESPSCI) 9. Don Alejandro Roces Sr. Science Tech HS
	<p style="text-align: center;">Region IVB</p> <ol style="list-style-type: none"> 1. Looc National SOF 2. Lubang VHS 3. San Jose National AIHS 4. Marcelo Cabrera VHS 5. Community Vocational HS 6. Coron SOF 7. Magara Sch for Phil Craftsmen San Jose Agricultural HS 	

CLUSTER II – AUGUST 11-13, 2009, CEBU BUSINESS HOTEL, CEBU CITY (178 participants)

Region X	Region VII	Region XIII
<ol style="list-style-type: none"> 1. Bukidnon Natl SHI 2. Iligan NSF 3. Rogongon Agri HS 4. Bunawan Agri HS 5. Baliangao SOF 6. Kinoguitan Natl Agri HS 7. Opol NSTS 8. Ozamiz City SAT 9. Aloran Trade School 	<ol style="list-style-type: none"> 1. Alicia Tech'I-Voc'I High School 2. Clarin SOF 3. Mayor AR Tuazon NS of Fisheries 4. San Pascual Natl Agri HS 5. Bitoon NVS 6. Abellana NSAT 7. Consolacion NHS 8. Naga National High 9. Marigondon NHS 10. Mandaue City Comprehensive HS 11. Subangdaku TechVoc School 12. Guihulngan NAS 13. Campalanas NHS-Lazi NAS 14. Consojong NHS 15. Toledo NVS 	<ol style="list-style-type: none"> 1. Butuan City SAT 2. Agusan Pequeno NHS 3. Tabon Estrella NHS 4. Nasipit NVS 5. Patin-ay HS (ASSAT) 6. Sibagat NHS 7. Bacuag Natl Agro-Indl Sch 8. Gigaquit NSHI 9. Barobo NHS 10. Carmen NAHS 11. St. Christine NHS (Fishery) 12. Dinagat SOF

LIST OF SCHOOLS PER CLUSTER

CLUSTER II – AUGUST 11-13, 2009, CEBU BUSINESS HOTEL, CEBU CITY

Region VIII		
1. Biliran National Agricultural HS	20. Dr. Geronimo B. Zaldivar MSOF	39. San Antonio Natl Agro-Ind & VHS
2. Cabucgayan National School of AT	21. Hilonogs NVS	40. San Isidro Agro-Ind School
3. Culaba NVS	22. Leyte Agro-Industrial School	41. San Jose Technical HS
4. Maripipi National Vocational School	23. Marcelino Veloso National HS	42. San Roque-Pambujan Vocational HS
5. Naval School of Fisheries	24. Merida Vocational School	43. Silvino Lubos Vocational HS
6. R. Lentejas Mem. School of Fisheries	25. Tanauan School of Craftsman & HI	44. Sumuroy Agro-Ind School
7. Alugan National School of Crafts	26. Tolosa School of Fisheries	45. Clarencio Calagos Mem SOF
8. Giporlas NTS	27. Villa Jacinta National Vocational High School	46. Valeriano C. Yancha Mem Agri Sch
9. Gen. McArthur NAS	28. Allen NHS	47. West Coast Agri School
10. Lawaan National School of Home Industries	29. Bobon School for Phil Craftsmen	48. Anahawan Vocational School
11. Matarinao SOF	30. B.B. Chan Mem Agri & Ind. School	49. Bontoc National High School
12. Nena School of AT	31. Capul Agro-Industrial School	50. Pintuyan NVHS
13. Oras NAIS (Arteche NAS)	32. Catubig Valley NHS	51. Silago National VHS
14. Southern Samar Natinal CHS	33. Eladio T. Balite Mem. SOF	52. Tacloban National Agri School
15. Samar National Pilot Opportunity Sch of Agri	34. Gala Vocational School	53. Maasin Vocational School
16. Bato SOF	35. Laoang National Technical HS	
17. Calubian NHS	36. Lorenzo S. Menzon Agro-Ind. School	
18. Carigara School of Fisheries	37. Mapanas Agro-Ind High School	
19. Salcedo VHS	38. Mondragon Agro-Ind HSI	

CLUSTER III – AUGUST 18-20, 2009, MANILA (160 participants)

Region V	CAR
1. Libon Agro-Industrial HS	1. Mataragan NAS
2. Tiwi Agro-Industrial Sch	2. Pilar Rural School
3. Froilan Lopez High Sch	3. Apayao National Ind'l Agri School
4. Mercedes School of Fishery	4. Pudtol VS
5. Barcelonita Fisheries School	5. Gov. Bado Dangwa Agro-Industrial School
6. Bikal Fisheries School	6. Tublay School of Home Industries
7. Juan F. Trivino Memorial High School	7. Balbalan Agro-Industrial NHS
8. Partido Agro-Industrial NHS	8. Nambaran Agro-Industrial NHS
9. Ragay Natl Agri & Fisheries School	9. Pinukpuk Vocational School
10. Caramoran School of Fisheries	10. Rizal HS of Arts and Trades
11. Pandan School of Arts and Trades	11. Tanudan Vocational School
12. San Andres VS	12. Bacarri National Trade Agri School
13. Rinconada National Tech-Voc School	13. Eastern Bontoc NAVHS
14. Masbate School of Fisheries	14. Panabungen SAT and Home Ind
15. Tito Espinosa NAS	15. Tadian School of Arts and Trades
16. Camarines Sur National High School	
17. Casiguran National Tech-Voc School	
18. Donsol Vocational High School	
19. Magallanes National Vocational HS	
20. Palans NAHS	

LIST OF SCHOOLS PER CLUSTER

CLUSTER III – AUGUST 18-20, 2009, MANILA

Region II		Region I
1. Itbayat National Agri HS	18. Sanchez Mira School of A&T	1. Ilocos Norte Regional SOF
2. Sabtang NSOF	19. Sta. Ana SOF	2. Ilocos Norte College of A&T
3. Abulog National Rural & VS	20. Solana Fresh Water Fishery Sch	3. San Gabriel VHS
4. Abulug School of Fisheries	21. Tuao Vocational & Tech School	4. Burgos Agro-Ind School
5. Alcala Rural School	22. Western Cagayan School of A&T	5. Ilocos Norte Agricultural College
6. Allacapan VHS	23. Alicia VS	6. Speaker Eugenia Perez NAS
7. Aparri School of A&T	24. Gamu Rural School	7. Binmaley School of Fisheries
8. Baggao National Agri School	25. Isabela NHS	8. Bolinao School of Fisheries
9. Bukig National Agri & Tech School	26. Isabela School of Fisheries	9. Pangasinan School of A&T
10. Claveria Rural & VS	27. Jones Rural School	10. Eastern Pangasinan Agri College
11. Claveria School of A&T	28. Reina Mercedes Voc & Ind School	11. Luciano M. Millan SAT
12. Enrile Vocational HS	29. Saint Paul Vocational & Ind. HS	
13. Enrile Vocational School	30. San Antonil Natl Agro-Ind and VHS	
14. Felipe Tuzon Agri HS	31. San Guillermo Agro Indl School	
15. Gattaran National Trade School	32. San Mateo Voc & Indl HS	
16. Itawes National Agri & Tech	33. Kasibu NAS	
17. Pamplona NSOF	34. Cabarroguis NSAT	

CLUSTER IV – AUGUST 25-27, 2009, DAVAO CITY (118 participants)

Region XI	Region XII	Region VI
1. Baguio High School of Agri	1. Bula NSF	1. Duenas Gen. Comprehensive HS
2. Baguio NSAT	2. Gen. Santos City NSSAT	2. Dingle NHS
3. Gumalang HS-BNSAT	3. Canizares NHS	3. Miagao NHS
4. Marilog HS of Agri	4. Malasila Natl Voc & Tech HS	4. San Joaquin SOF
5. Cateel Agri NHS	5. Tantangan NTHS	5. Sta. Barbara NCHS
6. Davao del Sur SOF	6. Santo Niño Natl Sch AT	6. Dumalag Cetral NHS
7. Tacul Agri NHS	7. Glan Scool of AT	7. Neg Occ Nat Agro-Ind Sch HI
8. Asuncion NHS	8. Kling National HS	8. I.V. Ferrer Mem SOF
9. Carmen NHS	9. Malalag NHS	9. Congressman Ramon Arnaldo HS
10. Cateel VHS		10. Roxas City School for Phil. Craftsmen
11. Lupon VHS		11. Dona Monserat Lopez Mem HS
12. Lupon VHS Annex A		12. Antique Vocational School
13. Macangao Agri VHS		13. Gen. Leandro Fullon NHS
14. Mati SAT		14. Libertad NVS
15. Moralizon NVHS		15. Northern Antique VS
16. Sigaboy Agri VHS		16. Aklan Ntl HIS for AT
17. Taguibo Agri VHS		17. Altavas NS
18. Digos City NHS		18. Buruanga Vocational Sch
19. Tagum NTS		19. Libacao Natl Forestry VHS
		20. Malinao Sch for Phil. Craftsmen
		21. Numancia National SOF
		22. Cabatuan NCHS

SKILLS ENHANCEMENT TRAINING FOR NON-TEACHING PERSONNEL IN 282 TECH-VOC HIGH SCHOOLS NATIONWIDE

August 4 to 27, 2009 in four (4) Clusters
PROGRAM OF ACTIVITIES

TIME / DAY	DAY 1	DAY 2	DAY 3
6:00 – 8:00 AM	BREAKFAST	BREAKFAST	BREAKFAST
8:00 – 9:00 AM	<p>OPENING PROGRAM</p> <ul style="list-style-type: none"> Welcome Remarks & Message Overview of the Objectives (1st Half) Leveling of Expectations 	<p>Recap of Day 1</p> <p>Overview of Objectives (2nd Half)</p> <p>PREPARATION OF THE BID DOCS</p>	<p>Recap of Day 2</p>
9:00 – 10:00 AM	<p>The Public Officer in a Public Office</p> <ul style="list-style-type: none"> Rules in Public Administration Graft & Corrupt Practices Act Professionalism & Ethics 	<p>RA 9184 and its IRR-A</p> <ul style="list-style-type: none"> discussion on the salient features of the Procurement Law 	<p>Break – Out Session</p> <ul style="list-style-type: none"> Preparation of the Schedule of Requirements; and, Delivery Schedule
10:00 – 10:15 AM	SNACKS	SNACKS	
10:15 – 11:00 AM	<p>Officiating Office Functions</p> <ul style="list-style-type: none"> combining the necessary tools for excellence to gain the competitive edge in professional and social life 	<p>Preparing the Bidding Documents</p> <ul style="list-style-type: none"> Approved Budget for the Contract Technical Specifications Schedule of Requirements Special Conditions of the Contract 	
11:00 – 12:00 Nn	Officiating Office Functions : Exercise	<p>Break – Out Session</p> <ul style="list-style-type: none"> Determining the Technical Specifications and ABC of Items for procurement that suits the needs of the schools per Area of Specialization 	
12:00 – 1:00 PM	LUNCH BREAK		LUNCH BREAK
1:00 – 3:00 PM	Grammar Mastery: Oral & Written		Presentation of Output
3:00 – 3:15 PM	SNACKS		SNACKS
3:15 – 4:00 PM	Continuation of Grammar Mastery		
4:00 – 4:30 PM	Grammar Mastery : Written Exercise	Presentation of Output per Area of Specialization	<p>Consultative Conference and Finalization of Bidding Documents</p>
4:30 – 6:00 PM	<p>Personality Development & Image Enhancement</p> <ul style="list-style-type: none"> confidence-building discussion covering salient components of personality, including appearance skills, and self-help techniques towards effective interactive skills 	Consultative Conference	<p>Closing Ceremonies</p> <ul style="list-style-type: none"> Training Evaluation Impression from Participants Closing Remarks & Message Awarding of Certificates

Enclosure No. 3 of DepED Memorandum No. 320, s. 2009

Instructions:

- 1 Determine among the list and accomplish only those with Area of Specialization that are available in your school.
- 2 Specify the minimum required Technical Specification of each item based on the need/s of the school. You may seek the assistance of the Instructors/teachers in your school in determining the technical specifications.
- 3 Conduct a simple market survey and indicate in the form the current market price of each item (based on the technical specifications).
- 4 Your school may recommend additional items needed in your school. Use Additional Sheets if Necessary

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
FISH CAPTURE			
	<i>Equipment</i>		
	Boat & Accessories		
	Meter Engine 16HP		
	Computer Set		
	Two-way Radio		
	Fish Finder		
	Binocular		
	Magnetic Compass		
	<i>Tools</i>		
	Ball pein Hammer		
	Screw Drivers		
	Mechanical Tools (wrenches)		
	Weighing Scales		
	Coleman (light)		
	Spotlight		
	Ice Box		
	Battery (12 volts)		
	Navigational chart		
	Set of navigational tools (divider, parallel, ruler, pencil)		
	Diving Suit		
	Flippers		
	Snorkel		
	Goggles		
	Fishing Gear outputs		
	Fish Tubs		
	<i>Materials</i>		
	Netting (w/accessories)		
	Fishing ropes		
	Cutters/scissors/knives		
	Assorted Knitting Needle		
	Twine (Monofilament)		
	<i>Safety Devices</i>		
	Mouth Mask		
	Hand Gloves		
	Head Gear		
	Life Jacket		
	Boots		
	Safety Eye wear (Plastic)		

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
FISH PROCESSING			
	<i>Tools & Supplies</i>		
	Kettle		
	Frying Pan		
	Measuring Spoon		
	Mixing bowl-stainless		
	Mixing bowl-glass (by set)		
	Apron		
	Basin (Stainless)		
	Knives		
	Steamer		
	Cap seal of diff sizes		
	Gloves		
	Laboratory gown		
	Weighing Scale (1000g)		
	Weighing Scale (10g)		
	Paring knives		
	Peelers		
	Measuring Cup (glass)		
	B-tin cans		
	Measuring cup for solid (by set)		
	<i>Equipment</i>		
	Pressure Cooker		
	Can Sealer		
	plastic Sealer		
	Refrigerator		
	Horizontal Freezer		
	Gas Range		
	Smoke House		
	Vacuum Pack Machine		
	Electric Mixers (Heavy Duty)		
	Hot Air Blower		
Stuffer/Linker			
FOOD PROCESSING			
	<i>Tools/Equipment & Materials</i>		
	Poly sealer		
	Soaking vats		
	Salinometer		
	Knives		
	Slicers (Tocino)		
	Peelers		
	Spatulas & rubber spatulas		
	Coalnders		
	Food tongs		
	Strainers		
	Set of measuring spoons		
	Set of measuring cups for liquid		
	Set of measuring cups for drying ingredients		
	Hot lifter		
	Mixing Bowls (plastic)		
	Mixing Bowls (stainless)		
	Utility trays (stainless)		
	Casseroles of various sizes (set)		
	Chopping boards		
	Saucepans (stainless)		
Refractometer			

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
	Wheel barrow		
	Steel tape		
	Soil Testing kit		
	Weighing scale		
	Power Sprayer		
ANIMAL PRODUCTION			
	<i>Tools/Equipment & Materials</i>		
	Ear notcher		
	Syringe		
	Drenching gun		
	Dehorner		
	Nozzle		
	Bolo		
	Crowbar		
	Axe		
	Wheel barrow		
	Hand gloves		
	Boots		
	Weighing Scale		
	Butcherine knife set		
	Emanculator		
	Whiteboards		
	Heater		
	AI Kit & other paraphernalia		
	Egg grader		
	Egg candler		
	Khapsack sprayer		
TECHNICAL DRAWING			
	<i>Tools & Equipment</i>		
	T-square, 36" wooden body w/graduated plastic edge-adjustable		
	Drawing Table & Stool 36" x 24		
GARMENTS			
	<i>Materials</i>		
	Pinking Shears		
	Cutting shears (genuine stainless)		
	Buttonhole scissors		
	Embroidery scissors		
	L-square (Stainless)		
	Hip curve (stainless)		
	French curve (plastic)		
	Tape measure (plastic)		
	Meter stick (wooden)		
	Machine needle (assorted)		
	Tracing wheel		
	Tailor's pin		
	Thimble		
	Hem Marker		

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
	Equipment		
	Sewing Machine w/motor		
	Mannequin (full size, junior siz, boy & girl)		
	Sewing Machines:		
	- Over edging Machine		
	- Straight Ordinary sewing machine		
	- High speed machine		
	Cutting tables		
	Lifesize mirror		
	Mannequin's Bust Form (male/female)		
COSMETOLOGY			
	Materials		
	Frost cap		
	Hair Dryer		
	Heating cap		
	Curling Iron		
	Foot spa machine		
	Roller brush		
	Drip pan		
	roasting cap, rubberized		
	Barber's brush		
	Shampoo bowl		
	Shampoo chair		
	Hair cutting scissors		
	Hair Iron ceramic		
	Tinting comb with brush		
	Trolley trays (5 layers)		
	Electric hair shaver		
	Manicuring table		
	Equipment		
	Hydraulic chair		
	Hair steamer w/stand		
FOOD TRADE			
	Equipment		
	2-burner gas stove with accessories		
	Gas Range/Gas Electric range		
	Heavy duty mixer		
	Oven		
	Microwave		
	Grills and griddles		
	Deep fryers		
	Food processors		
	Blenders		
	Electric Mixer (unit)		
	Slicer		
	Pans / casserole set		
	Steamers (set)		
	Turbo broilers		
	Convection oven		
	Refrigerator		
	Demonstration Table		

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
	<i>Tools</i>		
	Decorating Tips		
	Wire whisk		
	Hand mixer		
	Spatula		
	Scraper (rubber)		
	Measuring cup & spoon (set)		
	Baking pan (assorted)		
	Mixing bowl (stainless)		
	Wooden laddle		
	Muffin pan (piece)		
	Pie plate (piece)		
	Tube pan, big (piece)		
	Chafing Dish (Food Warmer)		
	<i>Tools</i>		
	Electric Mixer/Beater (piece)		
	Measuring cup (solid)		
	Measuring cup (liquid)		
	Measuring Spoon		
	Basin (Stainless)		
	Steamer (piece)		
	Tube pan, big (dozen)		
	Tray, aluminum		
	Muffin pan (dozen)		
	Pie plate (dozen)		
	Blender		
	Coffe Grinder		
FURNITURE AND CABINET MAKING			
	<i>Tools</i>		
	Hand drill		
	Claw hammer		
	Ball pen hammer		
	Try square		
	Framing square		
	Pull push rule		
	Meter squre		
	Sliding T-Bevel		
	C-clamp		
	Bar clamp		
	Wood chisels		
	Carving tools		
	Nail set		
	Expansive bit		
	Auger brace		
	Auger bits		
	Steel Tape		
	Spirit & Level plumb		
	Asst. Screwdriver, ordinary (4'-12")		
	Asst. Screwdriver, philip (4'-12")		
	Set of Wrenchs (box)		
	Set of Wrenchs (open)		
	Adjustable wrench		
	Blow torch		
	Soldering iron		

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
	jack plane		
	Smooth plane		
	Triangular (4", 5", 6")		
	Oil Stones		
	Cross art saw		
	Rip saw		
	Back saw		
	Key hole saw		
	Mallet, wooden		
	Mallet, rubber		
	Spokeshave (concave & flat)		
	Wood rasp file		
	Spatula		
	Thickness Planer		
	Tools Cabinet (ideal for carpentry)		
	Industrial Hygiene Safety		
	Dust Collector Portable		
	Goggles, safety		
	Gloves, safety		
	Face shield		
	Dust Mask		
	Equipment		
	Portable planer		
	Router portable		
	Sander		
	Bench Grinder		
	Circular saw, portable		
	Band saw		
	Stationary Circular jaw		
	Drill press		
	Compressor w/spray gun		
	Electric drill		
	Bracing machine		
	Anvil/Bench vise		
	Radial Arm saw		
ELECTRONICS			
	Tools and Equipment		
	Multi-tester w/HVAC		
	Oscilloscope		
	Radio Trainer Kit		
	Philip Screw driver set 6"		
	Flat screw driver set 6"		
	Solderer set w/stand		
	Desolderer		
	Twizzers		
	Magnifying glass w/lamp		
	Side cutter plier 8" long		
	Long nose plier 6"		
	Wire stripper		
	Flat file 6"		
	Triangular file 6"		
	Hotair with soldering iron		
	Cellphone Kit screw drivers		
	Amplifier Trainer Kit		
	Soldering Iron		
	Bread Board		

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
ELECTRICITY			
	<i>Tools and Equipment</i>		
	Household Electricity:		
	Side Cutter plier 10" long		
	Combination plier 6" long		
	Long nose plier 6"		
	Flat screw driver 6"		
	Philips screw driver 6"		
	Analog multi-tester YX 360 TRF (SANWA)		
	Digital Clamp meter (5 amp - 200 amp)		
	ball peen hammer (32mm diameter)		
	Crimper tools		
	Hacksaw frame & blade		
	Electric drill 500 watts 1/2"		
	Electric angle grinder 4"		
	Megger OHM meter		
	<i>Safety equipment</i>		
	Working Gloves (Rubberized)		
	Face shield		
	Safety eye glasses		
	Dual Cartridge natural rubber respirator		
	<i>Motor Rewinding Tools</i>		
	Table vise 8" jaw		
	C-clamp 12" opening		
	Rubber hammer 32mm		
	Rubber hammer 50mm		
	Ball peen hammer 50mm		
	Double open wrench (6-22mm)		
	Vise grip 10"		
	Bearing puller		
	Mechanical plier slip joint 10"		
	Wire gauge (AWG)		
	Internal and external tester		
	Portable rewinder		
	Chain block 1 ton cap.		
	A-Frame 1 ton cap.		
	Soldering iron (600 w)		
	Table grinder 1/2 HP		
	Tool Cabinet (ideal for elect.tools)		
	Pipe Threader 1/2" & 3/4"		
	Conduit Bender 1/2"		
	Magnetic contactor (s-phase)		
	Motor Control (3-phase)		
COMPUTER HARDWARE SERVICING			
	<i>Tools and Equipment</i>		
	Multi-Tester		
	Transformer multi-output w/UPS		
	DC regulated power supply		
	Connecting Cords GA 22 w/aligator clips both ends		
	Connecting Cords GA 22 w/banana clips both ends		
	Bread board		
	Round nose pliers		
	Wire cutter		
	Philips head screw driver 6" st set		

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
	Flat head screw driver 6" set		
	Connecting wire (solid gauge no. 22)		
	Soldering iron 100w		
	Soldering lead (material)		
	Desoldering pump		
	Logic probe		
	IC remover, cutter		
	Tool Cabinet (ideal for Computer tools)		
	Router		
	Hardware		
	Memory Card		
	Expansion card		
	Hard Disk		
	Mother board		
	Power supply (UPS)		
	Router		
	Computer Unit (High End)		
	Safety Equipment		
Screen Protector			
Automatic voltage regulator			
BUILDING CONSTRUCTION			
	Tools and Equipment		
	Chalkline/Marking Gauge		
	Auto Rewind tape rule (50m)		
	Tri-square (combination square)		
	Handsaw 20"		
	Chisel set (Firmer 1/2" to 2")		
	Hammer claw 16 oz		
	Crowbar		
	Plumb bob		
	Mason's Trowels - pointed		
	Cement Trowel - rectangular		
	Bar Cutter		
	Shovel (round point) - Texas		
	Set of screw drivers (flat and cross)		
	Spirit level 24"		
	Wooden Vise		
	C-clamp 8"		
	Spokeshave		
	Smooth plane		
	Hand drill (Ratchet Brace)		
	Electric drill 500w w/bits		
	Glass cutter		
	Portable planner		
	Slids Hammer		
	Bolo (Sundang)		
	Tool Cabinet (ideal for Const tools)		
	Safety Equipment		
	Working Gloves		
WELDING			
	Tools and Equipment		
	Electric Arc Welding Machine set (500 amp)		
	Bench Grinder 3/4 Hp		
	Bech Vise 5" jaw		
	Angle Grinder 4"		
Bench Drill 1/2 HP (13mm)			

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
	Cross peen hammer		
	Pistol grip elec drill 1/2"		
	Anvil		
	Oxyacetelyn welding set		
	Vise grip (250mm-asst)		
	Screw driver set		
	Tinner snip 14"		
	C-Clamp 6		
	Auto rewind tape rule		
	Tool Cabinet (ideal for welding tools)		
	Safety Apparels		
	Welding gloves		
	Welding aprons		
	Arc Mask		
	Gas Welding googles		
	Face Shield		
Safety eye glasses			
PLUMBING			
	Tools and Equipment		
	Pipe Wrench 8", 12", 18", 24" (set)		
	Pipe Threader 1/4" to 2 1/4 (set)		
	Ballpen hammer (12 oz)		
	Hand Hacksaw saw trauel w/blade		
	Auto rewind tape rule (50m)		
	Pipe vise 1 1/8" to 2 1/2"		
	Adjustable wrench 12"		
	Cold Chisel 1 1/4" x 6 1/4"		
	Pipe cutter 1/8 to 2/14 cap		
	C clamp 6"		
	C Clamp 10"		
	Pull-push rule (2m)		
	Pipe reamer 1/2" - 2 1/4" cap		
	Tool Cabinet (ideal for plumbing tools)		
	Tape measure (50m long)		
	Claw hammer (horse shoe)		
	Sledge hammer		
	Craw Bar		
	Safy Equipment		
Working gloves			
Saftey eye glasses			
MACHINING			
	Tools and Equipment		
	Lathe Machine		
	Live Center		
	Vernier Caliper		
	Micrometer		
	Inside and outside caliper		
	Tool bit		
	Cut-off bit		
	Adjustable wrench 12"		
	Double open wrench (set 6-22mm)		
	Box wrench set (6-22mm)		
	Vise grip 10"		
	Table vise		
Bench grinder 1/2Hp			

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
	Hand hacksaw set		
	Bench drill press (1/2 Hp 13mm)		
	Surface plate		
	Steel rule		
	Ball peen hammer		
	Auto rewind tape rule		
	Electric Arc welding machine (230 amp)		
	Oxy-acetylene welding machine		
	Taps and Stock and Dies (1 set)		
	Drill bit (1 set)		
	Tool Cabinet (ideal for machining tools)		
	Safety Equipment and Apparels		
	First aid kit cabinet		
	Face shield		
	safety eye glasses		
	welding gloves		
	welding aprons		
	welding mask		
REFRIGERATION & AIR-CONDITIONING			
	Tools and Equipment		
	Air compressor with Kit set		
	Vacuum pump (Robinaire)		
	Refrigerant Analyzer (portable)		
	Oxy-acetylene welding apparatus (Harris)		
	Welding Apparatus (SMAN)		
	1 HP 220V window type airconditioner		
	1/8 HP Domestic refrigerator, 3-leads out (R-12)		
	1/8 HP Domestic refrigerator, R-134a (4-7cu.ft.)		
	Water cooler/dispenser (1/20HP, R-12)		
	Chest type freezer (1/5HP, R-12)		
	Upright freezer (1/6HP, R-12)		
	Tools		
	Tube cutter		
	Adjustable wrench 8"		
	Adjustable wrench 10"		
	Electrical pliers		
	Side cutting pliers		
	Long nose pliers		
	Hatchet-Ratchet Wrench		
	Vise Grip		
	Open Wrench		
	Socket Wrench		
	Ping-Off tool		
	Hand Riveter		
	Claw Hammer		
	Rubber Mallet		
	Hacksaw (Set)		
	Screwdriver		
	Off-set screwdriver		
	Tin Snip		
	Allen wrench		
	Box Wrench		
	Flaring/Swaging tool/Kit		
	Swaging Punch Kit		
	Multi-Tester		
	Electronic Multi tester		

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
	Clamp on Ammeter tester		
	Mapp gas regulator valve with tank		
	Portable blow torch with disposable tank/can		
	Electronic leak detector		
	tape measure		
	Soldering Iron		
	Manifold gauge		
	Electronic Thermometer		
	L-Square		
	Tri-Square		
	Level-Bar (1meter)		
	Half round file		
	Electric Drill		
	Supplies and Materials		
	1/4 copper Tube		
	1/4 Aluminum Tube		
	5/16 Copper Tube		
	5/16 Aluminum Tube		
	1/8 Rivets		
	1/2 Copper tube		
	1/8 Capillary tube		
	Flare tube filter Drier		
	#18 Single line wire (Stranded)		
	#14 Duplex wire (stranded)		
	#12 Solid Wire		
	Sealed Type filter drier		
	Airconditioning parallel outlet		
	Refrigerator circuit outlet		
	Nuts and bolts		
	Maple plug		
	Circuit breaker panel		
	Circuit breaker 40A		
	Circuit Breaker 60A		
	Soldering Lead		
	Silver rod		
	Metal screw		
	Terminal Clip male		
	Aluminum filter		
	Aluminum Flux		
	Silver flux		
	Welding Rod		
	Refrigerant Tank (5K) with refrigerant		
	1-R-12 (4k)		
	1-R-134a (4k)		
	1-R-22 (4k)		
	1-Nitrogen (4K)		
	Access valve		
	A/C Rotary compressor 1HP		
	Domestic Refrigerator compressor 1/8 HP		
	A/C Condenser		
	Ref. Condenser		
	A/C Evaporator		
	Ref. Evaporator		

List of Equipment, Tools & Safety Equipment

AREA OF SPECIALIZATION	ITEM	TECHNICAL SPECIFICATIONS	CURRENT MARKET PRICE
AUTOMOTIVE			
	Automotive Technology		
	Box Wrench (6mm-22mm)		
	Double open wrench (6mm-22mm)		
	Spark Plug wrench		
	Flat Screw Driver Set		
	Adjustable wrench 6"		
	Adjustable wrench 12"		
	Long nose pliers		
	Mechanical pliers slip joint 8"		
	Socket wrench		
	Torque wrench (150lbs)		
	Feeler gauge		
	Inside Retaining ring pliers		
	Outside retaining ring pliers		
	Vise grip, (250mm)		
	I-type valve spring remover		
	C-type valve spring remover		
	Valve grinder (manual)		
	Tire rim wrench 22"		
	Ignition timing light		
	Compression tester		
	Engine Analyzer		
	Valve grinder/refacer		
	Battery Charger		
	Coil spring remover		
	Diesel Engine		
	Differential (set)		
	Transmission (set)		
	Tool Cabinet (Ideal for Automotive tools)		
	Battery cell tester		
	Battery Hydrometer		
	Tire Gauge		
	Hydraulic Jack (5tons)		
	Strong arm hydraulic service jack (3tons)		
	Wheel aligner (mini)		
	Pistol grip electric drill 1/2"cap		
	3k or 4k engine (live)		
	Automotive Painting:		
	Air compressor (1 set 1/4 Hp)		
	Paint Brushes		
	Paint Scraper		
	Angle Grinder		
	Spray Gun w/ 20m hose 1/4		
	Applicators		
	Safety Equipment		
	Fire extinguisher ABC type, Dry Chem 5 kg		
	Working gloves		
	Face shield		
	Safety eye glasses		
	Dual cartridge natural rubber respirator		