

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities				TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
				Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
HOME ECONOMICS									
HAIR DRESSING NC II									
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS				
					BRUSH				
					5	pcs.	Applicator brush		
	Student/Trainee Working Space	1 x 1	1	25	5	pcs.	Barber brush		
	Lecture/Demo Room	8 x 5	40	40	5	pcs.	Hair brush		
	Learning Resource Center	3 x 5	15	15	5	pcs.	Paddle brush		
	Facilities/Equipment/ Circulation Area	6 x 4	24	24	5	pcs.	Roller brush		
	Total			104	5	pcs.	Skeleton brush		
					5	pcs.	Tinting brush		
					5	pcs.	Tinting brush with comb*		
					5	pcs.	Silicon brush		
					5	pcs.	Curling rod		
					CAP				
					3	pcs.	Frosting Cap w/ Hook		
					3	pcs.	Shower cap		
					CLIPS				
					12	pcs.	Hair clips, 1 doz.		
					13	pcs.	Single prong clip (optional)		
					14	pcs.	Double prong clip (optional)		
					COMB				
					3	pcs.	All purpose comb		
					3	pcs.	Bath comb		
					3	pcs.	Apro comb		
					3	pcs.	Haircutting comb		
					3	pcs.	Large tooth comb		
					3	pcs.	Tail comb		
					3	pcs.	Teasing comb		
					3	pcs.	Wide toothed comb		
					GLOVES				
					1	box	Disposable gloves, box		
					3	pcs.	Rubber gloves		
					MIRROR				
					9	pcs.	Modular mirror (movable)		
					10	pcs.	Hand mirror		
					PIN				
					6	pcs.	Clamps		
					1	box	Hairpin, box		
					12	pcs.	Duck bill clamp		
					1	box	Invisible pins		

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					Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION
					60	pcs.	Pin curl clips, 5 doz.			
					60	pcs.	Roller pin, pcs., 5 doz			
					PROTECTIVE CLOTHING/ ACCESSORIES					
					12	pcs.	Apron			
					12	pcs.	Cape			
					12	pcs.	Flannel headband			
					12	pcs.	Head band			
					12	pcs.	Invisible hairnet			
					12	pcs.	Neck strip			
					12	pcs.	Plastic cape			
					12	pcs.	Smock gown			
					ROLLERS					
					5	doz	Cylinder shaped rollers (long and short)			
					5	doz	Jumbo rollers			
					5	doz	Large size rollers			
					5	doz	Medium size rollers			
					5	doz	Small size hair rollers wire (optional)			
					SCISSORS					
					5	pcs.	Cutting scissor			
					5	pcs.	Thinning scissor			
					5	pcs.	Clippers			
					5	pcs.	Drip pan			
					5	pcs.	Measuring cup			
					5	pcs.	Mixing bowls			
					5	pcs.	Scoop			
					5	pcs.	Razors			
					5	pcs.	Spatula			
					5	pcs.	Squeezer			
					5	pcs.	Spray gun			
					MAKE - UP					
					5	pcs.	Eyelash curler			
					5	pcs.	Eye liner brush			
					5	pcs.	Eyebrow pencil Sharpener			
					5	pcs.	Large blusher brush			
					5	pcs.	Powder brush			
					5	pcs.	Fan brush			
					5	pcs.	Lip brush			
					5	pcs.	Eyebrow brush (Large and small)			
					5	pcs.	Eye shadow brush			
					5	pcs.	Eye brow scissor			
					5	pcs.	Angle brush			
					5	pcs.	Eye brow blade			
					5	pcs.	Eyebrow Tweezer			

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					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					5	pcs. Trolley/supply tray			
					EQUIPMENT				
					6	units Blower/Hair Dryer			
					6	pcs. Crimpers			
					6	units Curling Iron			
					3	units Electric Curlers (optional)			
					6	units Hydraulic chair			
					6	units Shampoo chairs			
					3	units High chair			
					6	units Stool			
					25	pcs. Arm Chair			
					2	sets Shampoo bowl set			
					1	unit Heating cap (optional)			
					1	unit Infrared			
					1	unit Iron Plate			
					1	unit Hair steamer			
					1	unit Sterilizer			
					2	pcs. Timer			
					SUPPLIES AND MATERIALS				
						Alcohol, 500 ml			
						Aluminum foil			
						Powder, 500 grams			
						Blade			
						Cling Wrap, rol			
						Conditioner, 1 gal			
						Color product form: Cream, Liquid & Powder			
						Towel* (Black and White)			
						For demo – 1 dozen			
						Developer , 6% 20 volumes; 9% 30 volumes; 12% 40 volumes, 500 ml. each			
						Ear pads			
						End paper			
						Bleaching product (powder, cream and liquid)			
						Setting lotion			
						Gauze mask			
						Gel*, 500 ml.			
						Hairpiece			
						Hair polish			
						Hair wax, 500 ml.			
						Paper strip			
						Mousse			
						Perm lotion w/ neutralizer, 500 ml.			
						Plastic applicator			

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					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
						Press spray plastic dispenser bottle			
						Rubber band, box			
						Shampoo, gal			
						Spray net, 500 ml.			
						Tissue paper			
						Tissue roll			
						Wig			
						Hair treatment products			
						TRAINING MATERIALS			
						CATALOG			
					1	Men's Cut Catalog			
					1	Ladies Cut Catalog			
					1	Kid's Cut Catalog			
						Magazines			
						Textbooks/ References			
					1	pc	White board (big)		
					5	pcs	Markers (assorted colors)		
					1	pc	Eraser		
						MAKE - UP			
						Sponge			
						(natural and sea)			
						Cotton buds			
						Powder applicator			
						Assorted color lipstick (palette, stick and pencil)			
						Concealer foundation			
						Liquid			
						Cream			
						Cake			
						Blusher			
						(powder and cake)			
						Eye brow pencil			
						Eye shadow			
						(pencil and cake)			
						Eye liner			
						(pencil, liquid, cake)			
						Lip gloss			
						Mascara			
						Powder			
						Pressed			
						Loose powder			
						Translucent			
						Eyelash glue			
						Glitter gel			

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	Facilities				TOOLS, EQUIPMENT & MATERIALS					
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION	
						Eye gel				
						Stoned glitter				
						Powder glitter				
						Artificial eye lashes				
						Tissue				
						Cotton				
						Alcohol				

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Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION
CAREGIVING NC II										
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS					
					2 pcs.	Airpot (Hot Water)				
					1 pc.	Skillet				
	Demonstration Room				5 sets	Garbage bin (biodegradable and non-biodegradable)				
	- Child care		30 sq. m.	30 sq. m.	2 pcs.	Urinal				
	- Home Management		60 sq. m.	60 sq. m.	12 pcs.	Basin (small)				
	- Elderly Care		30 sq. m.	30 sq. m.	1 pc.	Baby bath tub				
	- care for people with special needs		30 sq. m.	30 sq. m.	12 pcs.	Flat sheet		TRAINING MATERIALS/REFERENCES		
	Academic room		30 sq. m.	30 sq. m.	12 pcs.	Gloves -household			Mother and Care Baby	
	Study room/Learning Resource Center				1 box	Gloves - surgical			Infant Care Feeding	
	Clinic				12 pcs.	Face towel/ towelette			Story books e.g. Cinderela, snow white, etc.	
	Separate restrooms for female and male				12 pcs.	Bath towel/ towelette			Geriatrics A Study of Maturity	
	Library holdings must not be less than five (5) titles related and for each title at least 3 copies each								Complete Early Childhood	
					4 pcs.	Blanket				
					4 pcs.	Comforter			Baby Play	
					2 pcs.	Bedpan			Fundamentals of Nursing	
					2 pcs.	Bottle brush (cleaning feeding bottles)			Cookbook	
					2 pcs.	Burping cloth			Toddler Play	
					5 pcs.	Baby clothes			Care of the Adult	
					5 pcs.	Baby blanket			First Aid Book	
					1 pc.	Carpet 4 ft. x 8 ft.			Cleaning of Different Areas of the house	
					1 pc.	Clothes brush				
					1 pc.	Clothes humper				
					1 pc.	Clothes rack				
					2 each	Clothes, linen and fabrics for laundry				
					1 set	China ware				
					1 set	Cooking utensils				
					5 pcs.	Cutting board				
					1 set	Cutlery				
					1 pc.	Electric knife				
					1 pc.	Electric opener				
					10 pcs.	Gown (hospital)				
					1 pc.	Hot water bag				
					1 pc.	Ice cap				
					1 pc.	Kettle				
					1 set	Pots and pan				
					10 pcs.	Pot holder				
					2 pcs.	Apron				
					1 set	Crutches (adjustable)				

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					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1 set	Grooming kit (hairbrush. comb, nail cutter, nail brush)			
					5 pcs.	Hand towel			
					1 set	Feeding utensils (Child and adult)			
					1 set	Measuring cup			
					1 unit	Medical tray			
					1 set	Mixing bowl			
					4 pcs.	Pail			
					5 pcs.	Peeler			
					1 pc.	Pick up forcep			
					12 pcs.	Pillow case			
					8 pcs.	Pillow			
					1 unit	Portable mixer			
					1 unit	Potato masher			
					2 pcs.	Record book			
					6 pcs.	Rubber sheets			
					1 set	Silver ware			
					10 pcs.	Soap dish			
					1 pc.	Tong (plastic/ rubber)			
					EQUIPMENT				
					1 pc.	Bed Ordinary			
					1 pc.	Bed surgical			
					2 units	Blender / juicer			
					2 pcs.	Bp apparatus, aneroid			
					2 pcs.	Bp apparatus, mercurial			
					1 unit	Coffee maker			
					1 pc.	Crib			
					1 unit	Dish washer w/ drier			
					1 unit	Food processor			
					2 pcs.	Flat iron with ironing board			
					1 unit	Microwave oven - digital			
					1 units	Oven (electric, gas)			
					25 pcs.	Chairs with arm			
					1 unit	Dining set			
					2 pcs.	White board			
					1 unit	OHP/LCD*			
					1 unit	Computer w/ printer			
					1 unit	Refrigerator			
					1 pc.	Sphygmoma-nometer			
					1 pc.	Bottle Sterilizer, electric			
					1 pc.	Stethoscope			
					1 unit	Stove			
					1 unit	Operational telephone unit			

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Facilities					TOOLS, EQUIPMENT & MATERIALS							
					Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION		
						10 sets	Thermometer (Oral, rectal, Axilla, Tympanic)					
						1 unit	Bread toaster					
						1 unit	Washing machine – Heavy Duty					
						1 unit	Drier					
						1 pc.	Weighing scale					
						1 pc.	Wheel chair					
						1 unit	Vacuum cleaner – Heavy Duty					
						1 pc.	Commode					
						1 pc.	Cane or walker					
						1 pc.	High chair/ booster seat/ portable seat					
						1 unit	Dressing trolley w/					
							· cotton balls					
							· medicine glass					
							· thermometer					
							· wound dressing set					
						1 set	First aid kit					
						1 each	Dummy (baby and adult) ** - use for bathing					
						1 each	Dummy for CPR (infant, child and adult) **					
					OFFICE EQUIPMENT/ FURNITURE							
						1 unit	Fax machine					
						1 unit	Television					
						1 unit	VHS/CD/DVD Player					
						1 set	Sofa set					
					MATERIALS							
						2 btls.	Alcohol					
						2 packs	All purpose detergent soap					
						2 pcs.	Baby oil					
						10 pcs.	Soap					
						5 pcs.	Feeding bottles w/ cover and nipples					
						4 pcs.	Bib and baby layettes					
						1 gal.	Bleaching solution					
							Coffee, Cream and sugar					
						1 pack/ each						
						1 packs	Cotton buds					
						1 set	Condiments					
						1 gal.	Fabrics softener					
							Food items use for preparing meals					
						1 pack	Diaper (child and adult)					
						1 gal.	Liquid soap (cleaning bottles)					
						1 kilo	Infant formula					

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					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					6 packs	Table napkins			
					2 pcS.	Table cloth			
					1 pack	Garbage bags			
					2 sets/ each	Bathing paraphernalia (adult and child)			
					1 set/ each	TOYS			
						Crayons			
						Play Dough			
						Shape sorter			
						Coloring Book			
						Musical Mobile			
						Push & pull toys			
						Toys (assorted), games and accessories			
					TAPES/DISC				
						CPR (Infant, Child and Adult)			
						Artificial Resp. (Infant, Child and Adult)			
						1. Fracture			
						2. Sprained Ankle			
						3. Burns			
						4. Child safety: films about playing and safe			
						5. Multiple Casualty Management			
					TRAINING MATERIALS/REFERENCES				
						Mother and Care Baby			
						Infant Care Feeding			
						Story books e.g. Cinderella, snow white, etc.			
						Geriatrics A Study of Maturity			
						Complete Early Childhood			
						Baby Play			
						Fundamentals of Nursing			
						Cookbook			
						Toddler Play			
						Care of the Adult			
						First Aid Book			
						Cleaning of Different Areas of the house			
TAILORING NC II									
					TOOLS				
					25	pcs	Tape Measure		
					25	pcs	Hip- curve		
					25	pcs	Meter stick		
					25	pcs	French curve		
					25	pairs	Scissors (6 ")		
					25	pcs	L- Square		
					10	pairs	Pinking Shears		

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	Facilities				TOOLS, EQUIPMENT & MATERIALS					
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					25	pairs	Cutting Shears (8")			
					25	pcs	Ruler with grid (24")			
					25	pcs	Triangle 16" (45° 90°)			
					25	pcs	Seam Ripper			
					25	pcs	Sewing Box			
					5	pcs	Screw Driver Flat (medium size)			
					5	pcs	Screw Driver Flat (small size)			
					5	pcs	Spray Bottle			
					5	Doz.	Hanger			
					25	pcs	Tracing Wheel			

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					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					EQUIPMENT				
					5	units	Single Needle Lockstich machines		
					5	pcs	3 Threads over lock machine		
					1	units	Bar Tack Machine		
					1	unit	Feed of the Arm machine		
					5	units	Flat Iron		
					5	units	Ironing Board		
					5	units	Steam Press		
					5	units	Sleeve Board/ Ham		
					10	units	Model Form		
					2	units	Life Size Mirror		
					25	pcs	Bobbin Case		
					50	pcs	Bobbin Spool		
					3	units	Hanger Rack		
					5	pcs	Gauge Foot 1/4		
					5	pcs	Gauge Foot 1/16		
					25	pcs	Calculator		
					2	units	Wooden Cabinet with sliding door(Display Cabinet)		
					5	units	High speed sewing machine		
					5	units	Manual sewing machine		
					1	units	Edging machine		
					1	units	Button holer		
					MATERIALS				
						25 Rolls	Pattern paper		
						25 pcs	Tailor's Chalk		
						25 packss	Tracing paper		
						25 pcs	Pencil		
						25 pcs	Eraser		
						75 pcs	Thread (assorted colors)		
						8 packs	Needle DB1x11		
						8 packs	Needle DB 1 x 14		
						3 packs	Needle DC 1x14		
						1 pack	Needle TV 1 x14		
						12.5 yards	Fusible Interlining		
						3 Rolls	Band Roll		
						37.5 yds	Fabric (tetoron)		
						75 yards	Fabric (Chinese Cotton)		
						10 yards	Fabric (coco)		
						120 yards	Fabric (for pants and shorts)		
						37.5 yards	Fabric (for jogging pants)		
						3 rolls	Garter 1 ½"		

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					Quantity		ITEM/TECHNICAL SPECIFICATION		Quantity for 20		ITEM/TECHNICAL SPECIFICATION
						150	Zipper 6"				
						2 boxes	Hook and Eye				
						3 gal.	Machine Oil				
						3 packs	Hand Needle				
						2 boxes	Buttons Flat				

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					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
TOUR GUIDING SERVICES NC II					EQUIPMENT				
Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	1	unit	Computer with internet connection & LCD projector	2	units	Vehicle*
				2	units	Two-way radio			*NOTE: Implementation of the training program can be made possible through
Student/Trainee Working Space	1 x 1	1	25	1	unit	Mobile phone			a MOA between the Training school
Lecture/Demo Room	8 x 5	40	40	1	unit	Telephone			and Industry for the use of the facilities.
Learning Resource Center	3 x 5	15	15	1	unit	Fax Machine			This is in response to the limitations of
Facilities/Equipment/ Circulation Area			24	1	unit	Camera			schools due to high cost of equipment.
Total workshop area:			104	1	unit	Video camera			Air-conditioned vehicles can be hired
				1	unit	Microphone			on a per trip basis subject to
				1	unit	Bullhorn			requirement.
				5	sets	First aid kit			
					MATERIALS				
						Uniform (authorized tour service apparel)			
						Whistle			
						Hat			
						Map			
						Ballpen			
						Calculator			
						Pencil			
						Record book			
						Compass			
						First aid kit			
						Tour Guide Manual			
						Mobile Phone			
						Resources/Manuals			
						Schedules of airlines, shipping companies, bus and train			
						Company policy			
						Statutory regulations			
						Updated/current year Map			
						Updated Philippine travel Brochures			
						Flyers & handouts of different topics of discussion			
						Used airline tickets			
						Current Itinerary of Domestic Travel			
						Philippine Travel Guidebooks ie: Lonely Planet, Fodor's Guide, Insight Guide, etc			
						DOT updated regional situationer reports, statistics & marketing plan			

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TOURISM PROMOTION SERVICES NC II								
				EQUIPMENT				
	Space Requirement	Size in Meters	Area in Sq. Meters	5	units	Computer with internet connection		
				1	unit	LCD projector		
	Student/Trainee Working Space	1 x 1	1	1	unit	Telephone		
	Lecture/Demo Room	8 x 5	40	1	unit	Fax machine		
	Learning Resource Center	3 x 5	15	1	unit	Sound system		
	Facilities/Equipment/ Circulation Area		24	1	unit	Photocopier		
	Total Workshop Area		104	1	unit	Printer		
				MATERIALS				
					1 set	Telephone Directory		
						Philippine Map		
						World Map		
						Updated Philippine travel brochures		
						Philippine Travel Guidebooks		
						DOT updated regional situationer reports, statistics and marketing plan		
						Sample updated schedules of different modes of transportation to different local destinations		
BREAD AND PASTRY PRODUCTION NC II								
				TOOLS				
	Space Requirement	Size in Meters	Area in Sq. Meters	12		Measuring cup, solid		
				12		Measuring cup, liquid (250 & 500 ml)		
	Lecture/Demo Area	8 x 5	40	25		Measuring spoon		
	Student/trainee working space	1 x 1	1	3		Cake turn table		
	Laboratory	8 x 5 sq.	40	20		Decorating tips		
	Learning Resource Center	3 x 5 sq.	15	6		Rolling pins		
	Facilities/Equipment/Circulation Area		36	6		Pie pan sizes 6, 8, 10		
	Total Workshop Area:		156	6		Sheet pans		
				6		Pie cutter		
				6		Rubber scrapper		
				6		Palette knife		
				6		Cake stand with tier		
				6		Cake pillars		
				6		Sauce pan, s/s		
				6		Ladles s/s		
				6		Knives s/s with plastic handle		
				6		Chopping board, color coded		
				6		Scale 2, 10 kgs		
				6		Grater		
				6		Wooden spoons		
				6		Beaters		

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					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					12	set	Mixing bowl (6 pcs per set)			
					6		Wire whisk			
					6		Muffin pan, small			
					6		Muffin pan, medium			
					6		Muffin pan, big			
					6		Loaf pan, small			
					6		Loaf pan, medium			
					6		Loaf pan, big			
					4		Rectangular pan 1x8x8			
					6		Round pan 6,8, 10, 12, 14, 16			
					6		Pie pan			
					6		Flour sifter			
					6		Strainer			
					3		Double boiler			
							Piping bags			
							Coupler			
					EQUIPMENT					
					6		Commercial Mixers with complete attachments			
					1		Mechanical Dough roller			
					1		Decker oven			
					1		Compressor			
					1		Dough cutter			
					4		Gas range			
					1		Upright freezer			
					1		Refrigerator			
					MATERIALS					
							Cake flour			
							Bread Flour			
							All-purpose			
							Sugar			
							Yeast			
							Butter			
							Margarine			
							Butter (French bread)			
							Cooking oil			
							Lard			
							All-purpose cream			
							Whipping cream			
							Confectioner sugar			
							Knox gelatin			
							Flaked almonds			
							Chocolate chips			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
						Chocolate, shredded			
						Cherries with stem			
						Cherries			
						Food colors			
						Tropical fruits			
						Whole wheat, rye, multi grain			
						Cream cheese			
						Paper cups			
						Tulip paste			
						Sugar lace			
						Pineapple juice			
						Contreau			
						TRAINING MATERIALS:			
						Wilton decorating magazine, video			
						Good Housekeeping Baking Book			
FOOD AND BEVERAGE SERVICES NC II									
Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS					
				8	Dinner plates, 10"				
				8	Show/base plates, 12"				
Lecture/Laboratory Area	5 x 10	50	50	8	Fish plates, 8"				
Wash Room	2 x 5	10	10	8	Dessert plates, 7"				
Tool Room/Supply Room	5 x 4	20	20	8	Cereal plates, 5"				
Circulation Area	5 x 5	25	25	12	Side plates or bread plates, 6"				
Total Workshop Area :				8	Bouillon cups and saucers, 8-12 oz.				
				8	Teacups and saucers, 6 2/3 oz.				
				8	Demi-tasse, 3 1/3 oz.				
				2	Coffee pots, 2 pint				
				2	Tea pots, 2 pint				
				CUTLERIES					
				8	Dinner knives				
				8	Dinner forks				
				8	Salad knives				
				16	Salad forks				
				8	Fish knives				
				8	Fish forks				
				8	Soup spoons				
				8	Dessert spoons				
				8	Dessert forks				
				8	Teaspoons				
				4	Demi-tasse spoons				
				8	Long spoons				
				8	Cocktail forks				
				8	Service forks				

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					8	Service spoons			
					4	Sauce ladles			
					4	Soup ladles			
					2	Cake servers			
					GLASSWARE				
					8	Red wine glasses			
					8	White wine glasses			
					8	Water goblets			
					WAITERING TOOLS, MATERIALS AND EQUIPMENT				
					TABLES				
					2	Square tables good for 4 persons			
					CLOTH				
					2	54"X54			
					2	90"X90"			
					2	64"X64"			
					2	72"X72"			
					4	Side towels			
					OTHER ACCESSORIES				
					2	Salt shakers			
					2	Pepper shakers			
					2	Pepper mills			
					2	Rectangular trays			
					2	Oval trays			
					2	Round trays			
					2	Tooth pick holders			
					2	Sugar containers			
					2	Creamer containers			
					2	Oil and vinegar containers and holders			
					2	Sauce boats			
					8	Menu cards			
					2	Order pads			
					2	Pens			
					2	Flower bases			
					2	Reservation books			
					2	Water pitchers			
					8	Plate covers			
					2	Bill folder/change trays			
					2	Ice bucket with tongs			
					EQUIPMENT				
					8	Dining chair			
					2	Tray stand (optional)			
					2	Waiter station cabinet			
					MATERIALS				

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					25	50 cm X 50 cm Table napkin			
HOUSEKEEPING NC II									
					TOOLS				
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	5	Mops		DISCRETIONARY SUPPLIES	
					5	Brushes	5	fruit,	
	Lecture	8 x 5	40	40	5	Brooms	5	beverages	
	Demo/Mock/ Room	4 x 6	24	24	5	Buckets	5	Chocolates	
	Learning Resource Center	3 x 5	15	15	5	Dust pans		TRAINING RESOURCES/MATERIALS	
	Facilities/Equipmen/ Circulation Area			24	2	garbage receptacles	25	enterprise promotional materials	
	Total workshop area:			114	2	Sorting baskets/ Laundry Baskets	25	local tourist information	
					1	Step Ladder	2	magazines	
					2	Squeegee	2	newspapers	
					2	Water Hoses	2	lodging agreement	
					10	Lint Free Cleaning Cloths		Housekeeping textbooks/ references	
						Scrubbing Foam			
					10	Dish Sponges			
					5	Spray Bottles			
					5	Anti-Static Dusters			
					10	Gloves			
					5	Caution Signs			
					2	Mop Squeezer			
					EQUIPMENT				
					1	Projector Screen			
					1	Overhead Projector			
					2	Electric Fan			
					1	First Aid Cabinet			
					1	Instructor's Desk and Chair			
					3	Fire Extinguisher			
					2	Emergency Light			
					2	Directional Signage			
					2	Air condition			
					25	Armed Chairs			
					1	Telephone			
					1	Computer			
					1	TV			
					1	Video player			
					1	Fax machine			
					1	Refrigerator			
					1	Hairdryer			
					1	Alarm clock			
					1	Shelving			
					1	Cart			
					1	Trolley			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1	Coffee Maker			
					1	Electric kettle			
					1	Electric jug			
					1	Toilet Caddy			
					1	Carpet sweeper			
					1	Vacuum cleaner (dry and wet)			
					1	Polisher (electric with complete accessories)			
						LAUNDRY EQUIPMENT			
					1	Washers			
					1	Dryer			
					1	Flat iron			
					1	Ironing Board			
					1	Steam pressers			
					1	Sorting shelves			
					1	Drying cleaning machine			
					1	Labeler			
						MATERIALS			
					2 rms	Bond Paper			
					20 pcs.	Folders			
					1 pc.	Logbook			
					1 box	Transparency Acetate			
					2	White Board			
					5	Whiteboard Markers			
					2	Whiteboard Eraser			
					5	Marking Pen			
						Room Supplies			
					2	stationery			
					2 sets	Linen (for single bed and double bed)			
					1 set	glassware			
					1 set	cutlery			
					1 pack	tea			
					1 pack	coffee			
					1 pack	sugar			
					1 pack	milk			
					1 pack	Biscuits			
					1	Beds (Single)			
					1	Bed (Queen)			
					1	Holy Bible			
					2 pairs	slippers			
					5	flashlight			
					1 set	Light fittings			
					1	Mirrors			
					5	Wardrobes			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION									
Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					5	Hangers			
					2	Ashtrays			
					5 for each items	Variety of linen and clothing items and fabrics			
					CLEANING AGENTS				
					General and sport cleaning agents				
					5	- Cleaning Detergent			
					5	- Liquid Detergent			
					5	- Cleaning Solution			
					5	- Sanitizing Agents			
					5	- Fabric Softener			
					5	- Chlorine Bleach			
					PROTECTIVE CLOTHING				
					5	- All-Purpose Detergent			
					5	- Stain Removing Agents			
					2	furniture and floor polishers			
					5	Air Freshener			
					5	Pesticides			
					5	Deodorizers			
					5	Toilet Disinfectant			
					2	Overalls			
					2	Jackets			
					25	Aprons			
					2	Goggles			
					2	masks			
					2	Headwear			
					2	Waterproof clothing and footwear			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
ATTRACTIONS AND THEME PARKS OPERATIONS NC II									
Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS					
					2 sets	Rescue kit (toolbox)			
					2 sets	First aid kit			
Student/Trainee Working Space	1 x 1 m.	1 sq. m.	25 sq. m.	EQUIPMENT					
Lecture/Demo Room	8 x 5 m.	40 sq. m.	40 sq. m.		5 units	Computer with internet connection			
Learning Resource Center	3 x 5 m.	15 sq. m.	15 sq. m.		1 unit	LCD projector			
Facilities/Equipment/ Circulation Area			24 sq. m.		2 units	Two-way radio			
Total workshop area:					2 units	Mobile phone			
					1 unit	Telephone			
					1 unit	Fax machine			
					1 unit	Digital camera			
					1 unit	Video camera			
					1 unit	Microphone			
					1 unit	Sound system			
					1 unit	Megaphone			
					1 unit	Photocopier			
					2 sets	Personal protective equipment and clothing			
					1 unit	Fire extinguisher			
					1 set	Cleaning equipment			
					MATERIALS				
					1 set	Telephone Directory			
					1 set	Cleaning materials			

INDUSTRIAL ARTS

AUTOMOTIVE SERVICING NC I									
Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS					
				2	sets	Box wrench of 28 pcs, 4mm-32mm			
				2	sets	Open end wrench of 28 pcs, 4mm-32mm			
Workshop/Laboratory area		6 per student	150	2	sets	Socket wrench			
Lecture Room		28	28	2	pcs	Pliers			
Learning Resource Center		20	20	6	pcs	Screw driver, one of each kind			
Wash/Comfort room		10	10	4	sets	Wire strippers			
Storage/Tool room		20	20	4	pcs	Mechanic's hammer			
Circulation Area			60	25	pcs	Apron			
Total Area				2	pcs	Impact wrench			
				4	units	Soldering gun/iron			
				2	sets	Carburetor tool set, 8 pcs			
				2	units	Oil pressure tester			
				1	unit	Injection nozzle tester			
				4	sets	Torque wrench			
				4	sets	Feeler gauge			
				4	units	Cell tester			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
Facilities					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					4	sets	Hydrometer			
					2	units	Dial gauge			
					2	sets	Bore gauge			
					4	sets	Caliper, 25mm to 100mm			
					EQUIPMENT					
					2	units	Vehicle			
					2	units	Engine (Diesel and Gas)			
					2	units	Hydraulic jack/lift			
					2	units	Ignition timing light for diesel engine			
					2	units	Ignition timing light for gasoline engine			
					4	units	Tachometer			
					4	units	Differential and front axle			
					4	units	Multimeter			
					4	units	Diesel fuel injector assembly			
					MATERIALS					
						20 ltrs.	Engine oil			
						10 kg	Grease			
						10 tube	Sealant /adhesive			
						20 ltrs.	Hydraulic oils/gear oil			
						20 ltrs.	Automatic transmission fluid			
						10 pcs.	Wheel wedges			
						10 pcs.	Test lamp			
						2 sets	Overhauling gasket (per engine model)			
						25 pcs.	Goggles			
						25 pcs.	Gloves			
CARPENTRY NC II										
					TOOLS					
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	25	pcs	Cross cut saw		LEARNING MATERIALS	
					25	pcs	Claw hammer 8 oz			Interactive instructional modules
	Student/Trainee Working Space	2 x 3 per student/ trainee	6	150	25	pcs	Claw hammer 16 oz			Books in carpentry
	Contextual Learning Laboratory / Lecture Room	4 x 5	20	20	25	pcs	Chalk line reel			
	Learning Resource Center	4 x 5	20	20	25	pcs	Pencil			
	Tool Room/Storage	2 x 5	10	10	25	sets	Nylon string			
	Wash room	2.5 x 4	10	10	25	pcs	Pull-push rule, 15 meters			
	Circulation area	10 x 6	60	60	5	pcs	Crow bar			
	Total Area			270	25	pcs	Framing square			
					25	pcs	Try square			
					5	pcs	Spirit level, 36 in.			
					1	pcs	Automatic level			
					25	pcs	Nail pouch			
					25	set	Nail set			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					12	pcs	Chisel, ¼"			
					12	pcs	Chisel, ½ "			
					12	pcs	Chisel, ¾ "			
					12	pcs	Chisel, 2"			
					6	pcs	Adjustable wrench, 8 inches			
					6	pcs	Adjustable wrench, 12 inches			
					1	set	Combination spanner, 8mm to 24mm			
					12	m	transparent hose, white, 3/8 in diameter			
					12	m	Transparent hose, white, ¼ in.			
					1	pcs	Hard hat, white, (for trainer)			
					25	pcs	Hard hat, yellow (for trainees)			
					25	pairs	Gloves, knitted			
					25	pairs	Safety shoes			
					25	pcs	Goggle			
					EQUIPMENT					
					5	sets	H-frame scaffolds,			
					2	unit	Portable electric drill			
					2	unit	Portable planer			
					2	unit	Portable circular saw			
					2	unit	Portable jig saw			
					MATERIALS					
					25	pcs	Lumber, 2"x6"x8', kiln dried, tangile			
					25	pcs	Lumber, 2"x6"x12', kiln dried, tangile			
					50	pcs	Lumber, 2"x2"x12', kiln dried, tangile			
					25	pcs	Wood moulding, 1"x4"x8', ogee			
					25	pcs	Wood moulding, 1"x1"x8', quarter round			
					25	pcs	Wood moulding, 1"x1"x8', cove			
					50	pcs	rough lumber 2"x2"x12'			
					50	pcs	Loose pin hinges, 4"			
					2	kg	Finishing wire nail, 1"			
					2	kg	Finishing wire nail, 1½ inches			
					2	kg	Finishing wire nail, 2 inches			
					2	kg	Finishing wire nail, 3 inches			
					2	kg	Common wire nail, 1"			
					2	kg	Common wire nail, 1½ inches			
					4	kg	Common wire nail, 2 inches			
					4	kg	Common wire nail, 3 inches			
					25	pcs	Plywood, 1/4"x4'x8'			
					5	liters	White glue			
					10	pcs.	Piano hinge			
					100	pcs.	Butt hinge assorted sizes			
					25	pcs.	Concealed hinge			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					25 pcs.	Double-action hinge			
CONSUMER ELECTRONIC SERVICING NC II									
					TOOLS				
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	15	pc	Long-nosed pliers		
					15	pc	Diagonal cutters		
	Lecture Area*	4 x 5	20	20	15	pc	Standard screwdrivers		
	Laboratory Area (2 Workstations) 3.5 x 2.5		20	45	15	set	Soldering iron, 30w		
	Learning Resource Area	4 x 5	20	20	15	set	Desoldering tools, 30w		
	Tool Room/Storage Area	4 x 4	16	16	5	set	Screw driver assorted, Phillips, slotted		
	Wash ,Toilet & Locker Room	2 x 5	10	20	5	set	Wrenches assorted		
	Total			121	5	set	Allen wrench/key		
	Facilities / Equipment / Circulation**			36	15	pc	Utility knife/stripper		
	Total Area			157	15	set	Pliers assorted, Long nose, Side cutter		
					1	set	Test jig		
					10	pcs.	Ball peen hammer		
					5	pcs.	Bluetooth		
					15	pcs.	Cleaning brush		
					5	pcs.	Flashlight		
					10	pcs.	Hot air soldering tool		
					5	pcs.	Nut drivers (assorted)		
					5	set	Open tool 6600/7650		
					5	set	Set of torx/star bit		
					10	pcs.	Test light		
					15	pcs.	Tweezer		
					15	pcs.	Wire stripper		
					EQUIPMENT				
					10	pc	Multimeter		
					5	set	ESD free work bench with mirror Back-to-back/one-sided		
					5	set	High grade magnifying glass with lamp		
					5	pcs.	High voltage probe		
					5	pcs.	Infrared		
					10	pcs.	Multi-testers (analog/digital)		
					5	pcs.	Oscilloscope		
					5	unit	PC Computer		
					5	unit	Power Supply-variables		
					5	unit	Signal generator - AF/RF		
					10	unit	Step-down transformer		
					5	unit	TV pattern generator		
					5	unit	Variable power supply		
					5	pcs.	Board for rework		
					MATERIALS				

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION								SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
Facilities				TOOLS, EQUIPMENT & MATERIALS						
				Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION	
					1 spool	Solder lead				
					1 set	Cleaning brush				
					1 kilo	lead free solder				
					1 kilo	rosin core solder				
					10m	wire stranded, #22, red				
					10m	wire stranded, #22, black				
					10m	wire stranded, #22, white				
					10m	wire stranded, #22, blue				
					10m	wire stranded, #22, yellow				
					10m	wire stranded, #22, green				
					5ml	silicon grease				
					50 pcs	resistors (different values)				
					50 pcs	capacitors (different values)				
					1pc	transformer				
						Assorted electronic components				
						Cleaning agent				
						Plate for reball				
						Lubricants				
						Lead-free solder				
						Software flasher				
ELECTRICAL INSTALLATION AND MAINTENANCE NC II										
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS					
5					pcs.	Spirit level				
5					pcs.	Hack saw				
	Student/Trainee Working Space	2.50 x 2.50 per student/ trainee	6.25 per student	156.25	5	pcs.	Pipe cutter			
	Contextual Learning Laboratory	4 x 5	20	20	5	pcs.	Plumb bob			
	Learning Resource Center	4 x 5	20	20	5	pcs.	Pipe reamer			
	Facilities/Equipment/Circulation area	10 x 6	60	60	5	pcs.	Pipe threader			
	Total Area			256.25	5	pcs.	Pipe bender			
					5	pcs.	Bolt cutter			
					5	pcs.	Jack hammer set			
					12	pcs.	Electrician Pliers			
					12	pcs.	Screwdrivers set			
					5	set	Box wrench (metric)			
					12	pcs.	Wire splicer			
					12	pcs.	Wire stripper			
					12	pcs.	Electrician knife			
					12	pcs.	Tools holster			
					5	pcs.	Push-pull 0-5 mtrs			
					5	pcs.	Claw hammer			
					5	pcs.	Ballpeen hammer			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					5	pcs.	Prick punch			
					5	pcs.	Heat gun 1200 watts			
					5	pcs.	Heavy-duty soldering iron 1000 watts			
					5	pcs.	Flat file smooth 8"			
					5	sets	box wrench (English)			
					EQUIPMENT					
					5	units	Power drill			
					5	units	Portable grinder			
					1	unit	Power saw			
					5	units	Fire alarm system			
					5	units	Pipe-in Music/ Paging			
					5	units	Security equipment			
					5	units	CCTV			
					5	units	MATV Master			
					5	units	Car park ramp detector			
					10	units	Multi-tester			
					5	units	Mega-ohmmeter			
					5	units	Clamp ammeter			
					5	units	Megger			
					5	units	High potential tester			
					5	units	Earth resistance tester			
					5	units	Labeling machine			
					1	unit	Fire extinguisher KGS ABC			
					5	units	Industrial Fan			
					MATERIALS					
						50 pcs.	RSC			
						50 pcs.	IMC			
						50 pcs.	EMT			
						5 pcs.	Entrance cap			
						125 pcs.	Locknut			
						125 pcs.	Bushing			
						250 pcs.	Metal strap			
						10 pcs.	Floor outlet			
						5 pcs.	Ground fault			
						5 pcs.	Current interrupting outlet			
						25 pcs.	Working gloves			
						25 pcs.	Safety shoes			
						25 pcs.	Proper working clothes			
						25 pcs.	Hard hat			
						25 pcs.	Safety goggles			
						5 boxes	Wire AWG #12			
						5 boxes	Wire AWG #14			
						5 rolls	Electrical tape			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1 box	Wood screw ½" x 8			
					50 m	Circular loom (mica tubing 3/8")			
					25 pcs.	Receptacle surface type			
					25 pcs.	Receptacle flush type			
					25 pcs.	Incandescent bulb 50 w/ 250V AC			
					25 pcs.	Convenient outlet c.o. (flush type) 2 gang w/ plate and cover			
					10 pcs.	PVC square box			
						4 x 4			
					100 pcs.	PVC clamp ½			
					100 pcs.	PVC clamp ¾			
					50	Assorted conduit			
					50 mtrs	Corrugated PVC ½", ¾			
					50	PVC conduit ½, ¾			
					50 pcs.	Junction box PVC			
					50 pcs.	Junction box metal			
					50	Connectors PVC, ½			
					50	Connectors PVC, ¾			
					50	Connectors RSC, ¾			
					20 pcs.	Elbow PVC ½			
					20 pcs.	Elbow PVC ¾			
					20 pcs.	Elbow RSC ½			
					20 pcs.	Elbow RSC ¾			
					5 sets	Panel board with 70 amp main and subcircuits			
						§ 20 amps, 2 pcs.			
						§ 30 amps, 2 pcs.			
						§ 15 amps, 2 pcs.			
					40 pcs.	Switch (3 way with plate and cover)			
					20 pcs.	Switch (single pole with plate and cover0			
					20 pcs.	Switch (4 way with plate and cover)			
					10 rms.	Bond paper			
					1 pc.	Whiteboard 4 x 8 x ¾			
					1 pc.	Whiteboard 4 x 4 x ¾ with movable stand			
					1 box	Whiteboard marker, assorted color			
					2 pcs.	Whiteboard eraser magnetic			
					1 box	Push pin			
					1 pc.	Pencil sharpener			
					3 boxes	Pencil with eraser			
					2 kgs.	Rag			
					5 ltrs.	Cleaning agent liquid			
					1 unit	First aid kit			
					10 mtrs.	Emery cloth #120			
					25 pcs.	Utility box, 2' x 4"			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

					SUPPLEMENTAL TO ESSENTIAL - will optimize implementation			
Facilities				TOOLS, EQUIPMENT & MATERIALS				
				Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
PLUMBING NC II				TOOLS				
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters				
					5 pcs.	cold chisel, 6 "	Resource Materials/ manuals	
					5 pcs.	cold chisel, 8"	Textbook	
	Student/Trainee Working Space	5 x 8	40	40	5 pcs.	oiler	3 pcs.	National Plumbing Code
	Lecture Room/Demo Room	5 x 5	25	25	5 pcs.	Claw hammer, 16 oz.	3 pcs.	Plumbing Repair
	Wash Room	2 x 5	10	10	5 pcs.	Ball peen hammer, 16 oz.	3 pcs.	Modern Plumbing
	Tool Room	5 x 5	25	25	5 pcs.	Cross peen hammer, 16 oz.		
	Laboratory Area	5 unit – 2 x 4	40	40	5 pcs.	Hack saw		
	Facilities/Equipment/Circulation area	6 x 7	42	42	5 pcs.	Hand saw, 25" long		
	Workshop Area	10 x 18	180	180	5 pcs.	C-clamp, 12"		
					10 pcs.	C-clamp, 6"		
					10 pcs.	Pull & push rule		
					10 pcs.	Steel rule,1 meter		
					5 pcs.	Try square		
					3 pcs.	Tin snip		
					5 pcs.	Steel square		
					5 pcs.	Phillips screw driver		
					5 pcs.	Flat screw driver		
					3 pcs.	Bending tool, 15mm diameter capacity		
					5 pcs.	Adjustable wrench, 8"		
					5 pcs.	Adjustable wrench, 14"		
					5 pcs.	Straight pipe wrench, 8"		
					5 pcs.	Straight pipe wrench, 12"		
					5 pcs.	Straight pipe wrench, 18"		
					6 pcs.	Spud wrench, 8 "		
					6 pcs.	Spud wrench,12 "		
					5 pcs.	Pipe threader, drop head		
					5 pcs.	Pipe vise, 4" capacity		
					5 pcs.	Pipe reamer, 2" capacity		
					5 pcs.	Pipe cutter, 2" capacity		
					25 pcs.	Gloves		
					25 pcs.	Hard hat		
					25 pcs.	Safety shoes		
					25 pcs.	Goggles		
					25 pcs.	Welding mask		
					25 pcs.	Ear Muff		
					1 pc.	Flaring tools		
					1 pc.	Strap wrench, 8"		
					1 pc.	Strap wrench, 12"		
					1 pc.	Chain wrench		
					2 pcs.	Telescopic basin, 8"		
					2 pcs.	Telescopic basin, 14"		

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					2 pcs.	Crow bar			
					EQUIPMENT				
					1 unit	Welding machine			
					1 unit	Threading machine			
					1 unit	Proving pump			
					1 unit	Air compressor			
					1 unit	Electric drill			
					1 unit	Portable grinder			
					1 unit	Threading machine			
					1 unit	Welding machine			
					1 unit	Oxy-acetylene cutting outfit			
					5 units	Fire extinguishers			
					MATERIALS				
					1 pc.	Soapstone			
					1 pc.	Concrete cutter			
					1 pc.	Cut-off disc			
					PVC pipes and fittings				
					10 pcs.	elbow 90 ⁰ , 2" dia.			
					10 pcs.	elbow 90 ⁰ , 3" dia.			
					10 pcs.	elbow 90 ⁰ , 4" dia.			
					10 pcs.	elbow 45 ⁰ , 2" dia.			
					10 pcs.	elbow 45 ⁰ , 3" dia.			
					10 pcs.	elbow 45 ⁰ , 4" dia.			
					10 pcs.	tee branch, 2"			
					10 pcs.	tee branch, 3"			
					10 pcs.	tee branch, 4"			
					10 pcs.	wye branch, 2"			
					10 pcs.	wye branch, 3"			
					10 pcs.	wye branch, 4"			
					10 pcs.	coupling, 2"			
					10 pcs.	coupling, 3"			
					10 pcs.	coupling, 4"			
					5 pcs.	clean-out ferrule, 2"			
					5 pcs.	clean-out ferrule, 3"			
					5 pcs.	clean-out ferrule, 4"			
					5 pcs.	tap tee, 2"			
					10 pcs.	p-trap assembly, 2" dia.			
					10 pcs.	wye branch reducer, 3"X2"			
					10 pcs.	wye branch reducer, 4"X2"			
					10 pcs.	tee branch reducer, 3"X2"			
					10 pcs.	tee branch reducer, 4"X2"			
					20 pcs.	PVC pipe, 50mm			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					10 pcs.	PVC pipe, 76mm			
					10 pcs.	PVC pipe, 101mm			
					G.I. pipes and fittings				
					10 pcs.	elbow 90 ⁰ , 2" dia.			
					10 pcs.	elbow 90 ⁰ , 3" dia.			
					10 pcs.	elbow 90 ⁰ , 4" dia.			
					10 pcs.	elbow 45 ⁰ , 2" dia.			
					10 pcs.	elbow 45 ⁰ , 3" dia.			
					10 pcs.	elbow 45 ⁰ , 4" dia.			
					10 pcs.	tee branch, 2"			
					10 pcs.	tee branch, 3"			
					10 pcs.	tee branch, 4"			
					10 pcs.	coupling, 2"			
					10 pcs.	coupling, 3"			
					10 pcs.	coupling, 4"			
					5 pcs.	clean-out ferrule, 2"			
					5 pcs.	clean-out ferrule, 3"			
					5 pcs.	clean-out ferrule, 4"			
					5 pcs.	tap tee, 2"			
					10 pcs.	p-trap assembly, 2" dia.			
					30 pcs.	straight elbow 13mmX90 ⁰			
					30 pcs.	straight elbow 13mmX90 ⁰			
					30 pcs.	coupling, 13mm			
					30 pcs.	straight elbow 13mmX45 ⁰			
					30 pcs.	straight tee, 13mm			
					30 pcs.	tee reducer, ¾"X13mm			
					30 pcs.	straight bushing, 13mm			
					30 pcs.	bushing reducer, 19mmX13mm			
					30 pcs.	bushing reducer, 25mmX13mm			
					30 pcs.	bushing reducer, 13mmX9mm			
					10 pcs.	union, ½ "dia.			
					10 pcs.	union, ¾" "dia.			
					10 pcs.	cap, ½ "dia.			
					10 pcs.	cap, ¾" "dia.			
					10 pcs.	street elbow, 13mm			
					20 pcs.	G.I. pipe 19mm			
					10 pcs.	G.I. pipe 13mm			
					10 pcs.	G.I. pipe 25mm			
					Copper pipes and fittings				
					10 pcs.	copper, hard drawn, 15mm, type M			
					30 pcs.	Tee, 15mm			
					30 pcs.	elbow, 15mm			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

					SUPPLEMENTAL TO ESSENTIAL - will optimize implementation				
Facilities					TOOLS, EQUIPMENT & MATERIALS				
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					30 pcs.	coupling, 15mm			
					1 pc.	water closet, close coupled			
					1 pc.	water closet, flush valve			
					10 pcs.	faucet			
					2 pcs.	shower valve diverter			
					1 pc.	lavatory			
					1 pc.	shower head			
					1 pc.	lavatory faucet			
					1 pc.	bathtub			
					1 pc.	urinal, wall hang			
RAC SERVICING NC II									
					TOOLS				
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	10 pcs.	Flaring tool			
					10 pcs.	Swaging tool			
	LECTURE AREA*	4.00 x 8.00	32	32	5 pcs	Tube cutter			
	LEARNING RESOURCE AREA	4.00 x 6.00	24	24	5 pcs	Tube bender			
	WORKSHOP	6x10	60	60	4 pcs.	Sevice cylinder 2.5 kg.,10 kg. Capacity			
	TOOL/STORAGE AREA*	4.00 x 4.00	16	16	10 pcs	Electrical pliers			
	WASH, TOILET AND LOCKER ROOM*	3.00 x 4.00	12	12	10 pcs.	Pliers, long nose			
	TOTAL			144	10 pcs.	Screw driver, flat			
	FACILITIES/EQUIPMENT/ CIRCULATION			44	10 pcs.	Screw driver Philips			
	TOTAL AREA			188	10 pcs.	Files			
					5 sets.	Allen wrench			
					5 pcs.	Adjustable wrench 8", 10"			
					5 sets	Open wrench			
					5 sets	Box wrench			
					5 pcs.	Pipe wrench			
					5 pcs.	Vise grip , 6 , "8 "			
					5 pcs.	Thinners snip, 8"12"			
					10 pcs.	Bullpen hammer, 12 oz			
					5 pcs.	Rubber mallet ,oz			
					10 pcs.	Hack saw			
					5 pcs.	Spray gun			
					10 pcs.	Steel rule , metric & english			
					10 pcs.	Push rule			
					5 pcs.	Tri- square			
					8 pcs.	Pinch off tool			
					5 pcs.	Soldering iron, 100w , 220 volts			
					EQUIPMENT				
					3 units	Vacuum pump motor, high stage, 1/2 HP , 220 volts			
					2 units	Recovery/ Recycling unit , portable type, 220 volts			
					2 units	Oxy- Acetylene welding machine w/ complete outfit			
					3 units	Reusable Service Cylinder 13.5kg			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION									
Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1 unit	Refrigerator , single door 5 cu. Ft. 220 volts			
					1 unit	Refrigerator, two door top mount freezer, 6 cu. Ft. 220 volts			
					1 unit	Refrigerator , two door no frost, 6 cu. Ft. 220 volts			
					1 unit	Freezer chest type, 10 cu Ft. 220 volts			
					1 unit	Freezer, upright 6 cu. Ft. 220 volts			
					1 unit	Water dispenser 220 volts			
					3 units	Analog Clampmeter			
					3 units	Digital Clampmeter			
					2 units	Window type aircon 2 hp 220 volts			
					1 unit	Air compressor, complete w/ accessories 220 volts			
					5 units	Compressor motor 100 w , 220 volts			
					2 units	Electric drill portable, 3/8 ½ , Chuck, 220 volts			
					1 set	Pedestal grinding machine, 6" grinding wheel ¾ " hp. 220 volts			
					1 unit	Arc welding machine, Ac max. 250 amps. 220 V, 60 hz. Heavy duty			
					10 sets	Gauge manifold w/ hoses			
					5 sets	Digital Volt ohm mili- ammeter			
					5 sets	Analog VOM			
					1 set	Electronic leak detector (Fluorine based)			
					1 set	Electronic leak detector (Hydrocarbon based)			
					5 sets	Thermometer, dial type			
					5 sets	Digital Thermometer			
					1 set	Nitrogen regulator			
					2 units	Refractometer			
					2 units	Vacuumeter			
					1 unit	Refrigerant identifier			
					2 units	Weighing scale			
					Personal Protective Equipment				
					15 pairs	Safety gloves			
					15 pairs	Safety shoes			
					15 pcs	Safety goggles/spectacles			
					15 pcs	Face mask			
					MATERIALS				
					1 roll	Copper tube 1/4 " , 3/8", 5/16", ½, 1/8, 3/16, "OD, 50 ft. per roll			
					1 roll	Aluminum tube, 3/8 "OD, 100 ft. per roll			
					1 roll	Capillary tube 1/16, OD, 100 ft. per roll			
					50 pcs.	Silver rod			
					50 pcs.	Aluminum rod			
					10 pcs.	Silver flux			
					15 pcs.	Filter drier , ¼ "OD flared connection			
					15 pcs.	Filter drier , ¼ " OD solder connection			
					25 pcs.	Flare cap , ¼ " OD			
					25 pcs.	Flare union, ¼ " OD			
					25 pcs.	Flare plug, ¼ OD			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

					SUPPLEMENTAL TO ESSENTIAL - will optimize implementation				
Facilities					TOOLS, EQUIPMENT & MATERIALS				
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					13.6kg.	Refrigerant 134a			
					13.6kg.	Refrigerant 22			
					13.6 kgs	R 290			
					1 cyl.	Nitrogen gas			
					2 cyl.	Oxygen			
					2 cyl.	Acetylene gas			
					10 pcs.	Dual capacitor 25, 30, 35 mfd 370 vac			
					10 pcs.	Fan capacitor ,3, 4, 5, 6, 7, mfd 220 vac			
					10 pcs.	Starting capacitor 60, 80, 100-105 mfd 220 volts			
					10 pcs.	Potential relay 1, 1.5 2 hp 220 volts			
					10 pcs.	Overload protector 1/6 ,1/8, 1/10 , 1/5, 1.5 2hp 220 volts			
					10 pcs.	Current relay 1/5, 1/6, 1/8 , 1/10, hp 220 volts			
					10 pcs.	Evaporator coil			
					10 pcs.	Condenser			
					5 pcs.	Soldering lead			
					5 pcs.	Soldering paste			
					Tools/equipment for Conversion				
					1 set	Insulated terminal connectors/rings			
					5 pcs	Sealed terminal box			
					5 sets	Screwed cable glands (various sizes)			
					2 rolls	Flexible electric cable (# 12 & # 14)			
					2 sets	Cable strap for wiring harness			
					5 rolls	Rubber electrical tape			
					1 booklet	Label and warning sign sticker			
SHIELDED METAL ARC WELDING NC II									
					TOOLS				
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters					
					12 pcs.	Chipping Hammer			
					12 pcs.	Steel brush			
	Welding Booth	2 X 1.5	8	24	8 pcs.	Ballpeen Hammer			
	Grinding Booth	2 X 1.5	2	6	12 pcs.	Plier/tong			
	Materials/Preparation Area*	2 X 2		4	10 pcs.	Files-bastard cut			
	Bench work Area	1.5 X 2.5	2	8	12 pcs.	Head shield/helmet			
	Tool Room & S/M Storage Area	4 X 5		20	12 sets	Leather apron/jacket			
	Learning Resource Area*	5 X 9		45	12 sets	Leather glove, long			
	Wash Area /Comfort Room (male & female) *	2.5 X 4		10	2 pcs.	Safety goggle, wide vision, clear			
	Total			117	2 pcs.	Oxy-acetylene			
	Circulation Area**			35		goggles			
	Total Workshop Area			152	12 pcs.	Try square 300 mm. long			
					12 pcs.	Steel square 300 mm. long			
					10 pcs.	Files-half round			
					2 pcs.	Fillet gauge			
					EQUIPMENT				
					8 units	Arc Welding machine AC/DC and accessories			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
Facilities					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					8 pcs.	Welding table/positioners			
					1 unit	Electrode oven			
					1 unit	Automatic gas cutting machine			
					5 units	Portable disc grinder			
					1 unit	Exhaust fan			
					1 unit	Power hacksaw			
					2 units	Anvil			
					2 units	Work bench w/ bench vice on 4 corners			
					2 sets	Oxy-acetylene/Oxy-LPG cylinder with content			
					1 unit	Pedestal /bench grinding machine			
					1 unit	Industrial fan			
					MATERIALS				
					6 boxes	Electrode 3.2mm E6011			
					6 boxes	Electrode 3.2mm E7018/6013			
					20 pcs.	Mild steel plate 10mm X 150mm X 6m			
					20 pcs.	Mild steel plate 3.2mm X 150mm X 6m			
					2 pcs.	Carbon steel pipe, schedule 40 dia. 150 X 3m			
					20 pcs.	Filter lens			
					20 pcs.	Lens clear glass			
					20 pcs.	Cut off disc 6mm X 15mm X 100mm			
					5 pcs.	Power saw blade			
					1 box	Metal chalk			
TILE SETTING NC II									
					TOOLS				
					5 pcs.	Notched trowel			
					5 pcs.	Tile cutter			
					25 pcs.	Metal tape			
					5 pcs.	Nipper			
					5 pcs.	Plumb bob			
					5 pcs.	Spirit level			
					5 pcs.	Tri-square			
					5 pcs.	Plier			
					5 pcs.	Rubber squeegee			
					5 pcs.	Rubber mallet			
					EQUIPMENT				
					5 pcs.	Angle grinder			
					25 sets	PPE			
					MATERIALS				
					25 boxes	Glazed wall tiles (20 cm x 20 cm)			
					25 boxes	Vitrified floor tiles (20 cm x 20 cm)			
					150 pcs.	Mosaic tiles (12" x 12")			
					30 kilos	Tile adhesive			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION								SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
Facilities					TOOLS, EQUIPMENT & MATERIALS					
					Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION
						1 bag	Tile plastic spacer			
						5 pcs.	Carburandum			
						25 pcs	Pencil			
						5 kilos	Tile grout			
						25 pcs.	Foam			
						10 pcs.	Tile trim			
						5 rolls	Nylon string			
						1 kilo	Cotton rags			
						5 pcs.	Water pail			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

ESSENTIAL TO SPECIALIZATION							SUPPLEMENTAL TO ESSENTIAL - will optimize implementation					
Facilities				TOOLS, EQUIPMENT & MATERIALS			Quantity for 20			ITEM/TECHNICAL SPECIFICATION		
				Quantity	ITEM/TECHNICAL SPECIFICATION							
AGRI - FISHERY												
LANDSCAPE INSTALLATION AND MEINTENANCE NC II												
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS							
					25	pcs	Pruning shear or secateur					
					5	pcs	Loping shear					
	Laboratory/Workshop Area	-	-	100	25	pcs	Pruning saw					
	Lecture Room	5.00 x 5.00	25	25	5	pcs	Bow saw					
	Tool, Supply & Storage Room	3.00 X 3.00	9	9	5	pcs	Tree or pole pruner					
	Learning Resource Center	2.00 x 5.00	10	10	25	pcs	Hedge trimmer					
	Wash Room and Toilet	2.00 X 5.00	10	10	13	pcs	Spade					
	Total (Workshop Component)			154	13	pcs	Shovel					
	Circulation Area (30% of Workshop Component Space)			40	5	pcs	Hole digger					
	Grand Total (Building Space)			194	5	pcs	Wheel barrow					
					5	pcs	sprayer					
					25	pcs	Mallet					
					25	pcs	Hammer					
					25	pcs	Stone rake					
					25	pcs	Leaf rake					
					5	pcs	Gun tacker					
					13	pcs	Rake					
					5	pcs	Roller					
					25	pcs	Hand trowel					
					5	pcs	Soil drencher (accessory to the garden hose)					
					25	pcs	Fork					
					2	units	Sand /Soil Sieve (standard size)					
					25	pcs	Meter tape (5 m)					
					5	pcs	Meter tape (50 m)					
					5	pcs	Ladder / Adjustable ladder (24 ft)					
					13	pcs	Mattock pick					
					EQUIPMENT							
					2	pcs	Chain saw					
					2	pcs	Telescopic shaft or power high branch pruner					
					2	pcs	Power hedge trimmer					
					1	pc	One-man soil auger					
					1	pc	Two-man soil auger					
					1	unit	Dump truck					
							(Own or rent)					
					1	unit	Boom or power sprayer					
							(Own or rent)					
					1	unit	Crane or boom truck					

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION									
Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation	
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION
						(Own or rent)			
					13	pcs	Grass cutter		
					2	pcs	4.5 HP lawn mover		
					1	unit	Chipper / Shredder		
					1	unit	Mechanical compactor		
					1	unit	Blower		
					MATERIALS				
					1	bag for each type	Fertilizers		
					1	each	Pesticides		
					25	pcs	Gloves		
					25	pcs	Ear masks/Muff/plug		
					25	pcs	Goggles		
					5	pcs @ 10 meters long	Garden hose with complete accessories		
					13	pcs	Reflectorized vest		
					25	pcs	Overall /working clothes		
					25	pcs	Gas mask		
					25	pcs	Raincoat		
					25	pcs	Boots		
					5	pcs	Safety shoes		
					5	pcs	Safety belt		
					5	pcs	Climbing ropes		
					25	pcs	Hard hat		
					1	bag (25 kg)	Soil mix		
						Sample, 5 each.	Stakes (wooden-square/ round; steel, bamboo; plastic		
					13	units	Tree support units (G hose, wood stake, GI wire, GI nails, burlap pads, etc		
					13	units	Guy materials (GI wire, GI or wooden pegs, G hose, etc.)		
					1	bag each	Mulch (decorative stone, crushed bricks, bark chips, etc)		
					25	pcs	Safety apron		

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
PEST MANAGEMENT (VEGETABLE) NC II									
A. Building (permanent)					TOOLS				
Student/Trainee Working Space	2 x 2	4.00 per student	100		5 pcs	Measuring cup			
Lecture Room	7 x 5	35	35		10 pcs	Shovel			
Learning Resource Center (Library)	3 x 5	15	15		5 pcs	Light hoe			
Facilities/Equipment/ Circulation Area (30% of teaching accommodation)			39.3		25 pcs	Bolo			
Store room	4 x 4	16	16		1 pc	Harrow			
B. Experimental Land Area (Vegetable Farm)*	5.00 per student trainee	125	125		1 pc	Animal-drawn plow			
<i>* Experimental area may vary depending on availability of land and type of vegetable.</i>					1 pc	Disc plow			
					5 pcs	Cutting tools			
					5 sets	Digging tools			
					5 sets	Knife			
					5 pcs	Pruning shears			
					25 pcs	Trowel			
					25 pcs	Sprinklers			
					15 pcs	Rake			
					10 pcs	Broomstick			
					5 pcs	Container			
					25 pcs	Hat			
					2 pcs	Storage tools/cabinet			
					10 pcs	Scissors			
					5 pcs	Calculator			
					EQUIPMENT				
					5 pcs	Knapsack sprayer			
					1pc	Power sprayer			
					1unit	Mower			
					1 unit	Tractor/carabao			
					1unit	Overhead projector/LCD projector			
					5 units	Computer			
					LEARNING MATERIALS				
					5 diff. samples	vegetables			Instructional supplies and materials
					5 diff. samples	pests			Reference materials / books
					5 diff. samples	repellant and trap crops			Visual aids
					25 pcs	beneficial organisms			Procedural manuals
					25 pairs	Protective eyewear			

ESSENTIAL TO SPECIALIZATION

Essential to Specialization							Supplemental to Essential - will optimize implementation		
Facilities				Tools, Equipment & Materials					
				Quantity		Item/Technical Specification	Quantity for 20		Item/Technical Specification
					25 pairs	Rubber boots			
					25 pcs	Gloves			
					25 pcs	Mask			
					5 pcs	Hearing protection			
						Catching nets			
					5 bottles	Botanical pesticides			
					5 bottles	Fungicides			
						Insecticides			
					5 pcs	Cleaning agents (e.g. detergent, soap)			
						Cloth			
					5 sacks	Mulching materials			
					3 sacks	Rice hull			
					5 pcs	Pail			
					3 rolls	Rope			
					250 pcs	Agri bags, plastic			
					5 pcs	Marking pens			
					25 pcs	Pens			
					25 pcs	Pencils			
					25 pcs	Notebooks			
					5 reams	Bond paper			
					3 dozens	Paper clips			
					1 kit	First aide supplies/ medicine			
RICE MACHINERY OPERATION NC II									
	Student/Trainee Working Space	2.00 x 2.00 per student/trainee	4.00 per student	100	TOOLS				
	Lecture Room	7.00 x 5.00	35	35		5	Sets of Wrench		
	Learning Resource Center	3.00 x 5.00	15	15			- 36” Pipe		
	Facilities/Equipment/ Circulation Area	-	-	----			Wrench		
	Farm Machinery Shed	10 x 20	200	200			- 18” Pipe		
	Field Area	-	10,000	10,000*			Wrench		
	TOTAL AREA			10,350			- 12” Adjustable		
							Wrench		
						5	Hammer		
						5	Vice Grip		
						5	Plier		
						5	Screw Driver		
						5	Ballpeen		
							Hammer		
						5	Locking Plier		
						5	Grease Gun		
						2	Screw driver		

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1	Combination Wrench			
					1 pc	Adjustable Wrench			
					1 pc	Tachometer			
					1 pc	Shovel			
					1 pc	Wheel Barrow			
					1 pc	Allen Wrench			
					1 pc	Moisture Meter			
					1 pc	Temperature Gauge			
						Screwdriver, philip, flat			
						Pipe Wrench			
						Portable grinder			
						Portable drill			
						Arc electric welding			
						Oxy-acetylene outfit			
					EQUIPMENT				
					2	Hand Tractor			
						(Lowland &			
						Upland) w/			
						Implements*			
					2	Hydro/Turtle Tiller			
					2	Rota Tiller			
					1	4-Wheel Tractor			
						W/ Implements*			
					2	Reaper			
					2	Stripper			
					1	Combine			
						Harvester			
					2	Rice Thresher			
					5	Knapsack Sprayer			
					2	Centrifugal Pump			
					5	Cultivator			
					5	Fertilizer Applicator			
					5	Weeder			
					2	Pressure Gauge			
					2	Weighing Scale			
					1	Computer			
					1	LCD			
					1	Screen Projector			
					2	Tachometer			
					1	Moisture Meter			
					2	Thermometer			
					2	Transplanter			
					2	Seeder			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1	Diesel engine 12.5hp			
					1	Furnace			
					1	Blower			
					1	Rice mill (Single-pass,			
						Multi-pass)			
					1	Mechanical dryer			
						(Batch-type, flash,			
						Continuous)			
					MATERIALS				
					20 ltr	Fuel and Oil			
					5	Stop Watch			
					5	Steel Tape Measure			
					25	Pail			
					25	Empty Can, 20 ltrs.			
					25	Sack, 50kg			
					5	Collecting Net			
					3	Teflon Tape			
					1 qt	Grease			
					50kg	Fertilizer			
					1	Suction Hose			
					1 set	Required set of pipe			
						and connectors			
					1	Pesticide Measuring			
						Cup			
					1 btl	Chemical			
					100 kg	Seedlings			
					40kgs	Seeds			
					25	Envelope			
					3rms	Bond Paper			
					1	White Board			
					5	White Board			
						Pen Maker			
					1	Pad Paper			
						Diesel Fuel			
					1	Graduated Cylinder			
					1 pair	Engine Base			
						Rice Hull			
					1 Pack	Matches			
					1 Pair	Engine Base			
					9 pcs.	Bolt w/ nut 1/2x2			
					1 pc	Pulley			
					2 pcs.	Belt			
					1 pc	Needle			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION								SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
	Facilities				TOOLS, EQUIPMENT & MATERIALS					
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
							Twine			
							Rice samples/seeds for milling/drying			
						PERSONNEL PROTECTIVE EQUIPMENT				
						25	Protective Cap			
						25	Boots			
						25	Dust Mask			
						25	Hand Gloves			
						25	Earmuff			
						25	Raincoat			
						25	Long Sleeve Shirt			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities				TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
				Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION
ORGANIC AGRICULTURE NC II									
A. Building (permanent)				EQUIPMENT					
Lecture Area				40	5	sets	Desktop Computer		
Learning resource center				10	1	unit	Printer		
Laboratory/Practice Area				40	1	unit	LCD projector with Screen		
Washroom (Female)				4	1	unit	Photo Copier		
Washroom (Male)				4	RAISING ORGANIC CHICKEN				
Stock Room				4	TOOLS				
B. Experimental Farm*				10,000.00 (1ha)	5	pcs.	Bolo		
*The experimental farm should have the following areas for organic farm activities:					5	pcs.	Broomstick		
> Poultry House for 300 chicks				100	5	pcs.	Plastic Pail (10 liter. capacity)		
> Hog House for 20 pigs				40	1	set	Carpentry tools		
> Small Ruminants House for 5 animals				20	2	units	Knapsack sprayer		
> Garden Plots divided into 4 plots				40	5	pcs.	Storage Container with cap,15 liter capacity		
> Concoction and Extraction Laboratory					3	units	Weighing scale, 2 kilos capacity (2); 25 kilos capacity (1)		
> Organic Fertilizer Preparation House					5	pcs.	Shovel		
					5	pcs.	Knives		
					2	pcs.	Sprinklers, 5 liters		
					1	units	Step ladder 6 ft.		
					1	unit	Storage tools/cabinet		
					5	pcs.	Feeding trough		
					5	pcs.	Waterer/drinker, 1 liter capacity		
					25	pcs.	Rain coat		
					5	pcs	Plastic cup, 1 liter capacity		
					3	pcs.	Waste cans/bag		
				EQUIPMENT					
					1	unit	Booth/temporary shed		
					1	unit	Shredder		
					1	unit	Fire Extinguisher		
					1	unit	Cart		
					1	unit	Wheel barrow		
				MATERIALS					
					15	Kg.	Feeds: starter,		
					15	Kg.	Feeds: grower		
					25	pcs	21-day old chicks		
					8	Bags of 50kgs	Rice Hull		
					1	Bag of 50kg. Soil	Sand		
					50	meter	Net, #10 mesh size		

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1	unit	First Aid Kit			
					15	pcs.	Apron			
					5	pcs.	Chopping Board			
					10	pcs.	Feeding trough			
					5	liters	Various Concoctions/Extracts			
					15	Kg.	Feeds: finisher			
					25	pcs	60-day old chicken			
					1	Bag of 50kg. Soil	Farm Soil			
					50	pcs	Bamboo poles			
					2	Kg.	Monofilament Nylon#150			
					1	pc.	Water Container Drum			
					10	pcs.	Rags			
					10	pcs.	Waterer			
					1	unit	Feed Cart			
					PRODUCE ORGANIC VEGETABLES					
					TOOLS					
					5	pc.	Bolo			
					5	pc.	Digging Blade/Bar			
					5	pc.	Spading Fork			
					2	set	Hoe			
					5	unit	Rake			
					5	pc.	Shovel			
					2	unit	Weighing scale, 2 kilos capacity (1); 25 kilos capacity (1)			
					3	pcs.	Measuring cup; 1 liter capacity			
					5	pcs.	Pruning Shear			
					5	pcs.	Petri Dish			
					2	units	Spike Tooth Harrow			
					5	pcs.	Sprinklers, 5 liters			
					1	units	Step ladder 6 ft.			
					10	units	Holer, 4" diameter			
					5	pcs.	Trimming knife			
					1	set.	Carpentry tools			
					5	pcs.	Knapsack sprayer			
					5	pcs	Plastic cup, 1 liter capacity			
					3	pcs.	Waste cans/bag			
					2	set	Plow			
					1	Pc.	Calculator			
					EQUIPMENT					
					1	unit	Booth/temporary shed			
					1	unit	Wheel barrow			
					1	unit	Carbonizer			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1	pc.	Soil Thermometer			
					1	unit	Fire Extinguisher			
					1	unit	Shredder			
					1	unit	Cart			
					1	unit	Portable Soil Analyser Kit			
					1	unit	PH meter			
					MATERIALS					
					5	Bag of 50 kg.	Basal Organic Fertilizer			
					5	liter	Foliar Organic Fertilizer			
					6	pc	Seedling Tray, plastic			
					2	roll	Plastic twine			
					10	Pack	Assorted Vegetable Seedlings			
					1	unit	First Aid Kit			
					10	pcs.	Rags			
					5	pcs.	Strainer, Nylon Screen, fine mesh			
					5	Bags of 50 kg.	Carbonized Rice Hull			
					5	liters	Various Concoctions/Extracts			
					6	pcs	Seedling Tray, wooden			
					10	pcs	Bamboo poles			
					1	pc.	Water Container Drum			
					15	pcs.	Apron			
					10	pcs.	Stone (weights) ½ kilos			
					10	pcs.	Sacks			
					MANUFACTURE/PRODUCE ORGANIC FERTILIZER					
					TOOLS					
					5	pcs.	Spade			
					5	pcs.	Spading Fork			
					2	sets	Hoe			
					5	pcs.	Shovel			
					2	units	Weighing scale, 2 kilos capacity (1); 25 kilos capacity (1)			
					3	pcs	Measuring cup; 1 liter capacity			
					5	pcs.	Sprinklers, 5 liters			
					1	set.	Carpentry tools			
					5	units	Rake			
					5	pcs.	Knapsack sprayer			
					5	pcs	Plastic cup, 1 liter capacity			
					3	pcs.	Waste cans/bag			
					EQUIPMENT					
					1	unit	Booth/temporary shed			
					1	unit	Shredder			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION
					1	unit	Carbonizer			
					1	pc.	Moisture meter			
					1	pc.	Soil Thermometer			
					1	unit	Fire Extinguisher			
					1	unit	Wheel barrow			
					1	unit	Cart			
					1	unit	Portable Soil Analyzer Kit			
					1	unit	PH meter			
					3	set	Vermitea aerator, 60 liters capacity, each			
					MATERIALS					
					1	Bag of 50 kg.	Basal Organic Fertilizer, sample			
					2	liter	Foliar Organic Fertilizer, sample			
					100	liter	Molasses			
					50	kg	Dry Leaves			
					50	kg	Pig Manure			
					100	kg	Carbonized Rice Hull			
					20	meter	Plastic Sheet			
					25	pcs.	Empty bags, 50 kg capacity			
					1	unit	First Aid Kit			
					15	pcs.	Apron			
					1	Bags of 50 kg.	Carbonized Rice Hull, sample			
					10	liters	Various Concoctions/Extracts			
					50	kg	Rice straw			
					50	kg	Chicken Dunk			
					50	kg	Cow manure			
					50	kg	Rice Bran (D2)			
					10	pcs.	Used Tires			
					5	pcs.	Plastic Pail, 15 liters capacity			
					1	pc.	Water Container Drum			
					10	pcs.	Rags			
					PRODUCE ORGANIC CONCOCTIONS/EXTRACTS					
					TOOLS					
					10	pcs.	Measuring Cup (with calibration, 1 liter capacity)			
					10	pcs.	Plastic Cup (1 liter capacity)			
					5	pcs.	Syringe, Plastic, 30 ml capacity			
					25	pcs.	Bamboo Container/ Plastic container/wooden box for collecting microbes			
					25	pcs.	Slicing knife			
					5	pcs.	Pannel(imbudo)			
					2	set.	Carpentry tools			
					2	pcs.	Knapsack sprayer			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					10	pcs.	Bamboo/wooden ladle			
					5	pcs.	Plastic Basin, 10 liters capacity			
					25	pcs.	Chopping Board			
					EQUIPMENT					
					1	unit	Booth/temporary shed			
					1	unit	Shredder			
					1	unit	Wheel barrow			
					1	unit	Cart			
					1	unit	Carbonizer			
					1	unit	Fire Extinguisher			
					1	pcs.	Meat Grinder, small			
					1	unit	Portable Soil Analyzer Kit			
					1	unit	PH meter			
					3	set	Vermitea aerator, 60 liters capacity, each			
					5	pcs.	Thermometer			
					1	pc.	Moisture meter			
					MATERIALS					
					100	liter	Molasses			
					8	liter	Various Concoctions/Extracts for at least 1 liter per sample			
					150	pcs.	Weight (clean stone 100grams each)			
					50	pcs.	Weight (empty plastic container 250 to 500 ml capacity)			
					25	pcs.	Plastic strainer, fine mesh, 1ft x 1ft square			
					25	pcs.	Plastic strainer, small mesh, 1ft x 1 ft square			
					50	pcs.	Empty Plastic Container, 1 liter capacity			
					50	pcs.	Empty Plastic Container, 5 liter capacity			
					2	roll	Plastic Tie box			
					1	unit	First Aid Kit			
					15	pcs.	Apron			
					25	pcs.	Plastic Container, 15 liters capacity			
					10	pcs.	Plastic Container, 60 liters capacity			
					5	meter	Plastic Hose, 5mm dia.			
					3	pcs.	Waste cans/bag			
					10	meter	Plastic Sheet			
					25	pcs.	Manila Paper			
					5	box	Rubber Bond, Large			
					5	pcs.	Marking Pen			
					5	pcs.	Masking Tape, medium			
					1	pc.	Water Container Drum			
					10	pcs.	Rags			
					RAISE ORGANIC HOGS					
					TOOLS					

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					5	pcs.	Bolo			
					5	pcs.	Broomstick			
					5	pcs.	Plastic Pail (10 liter. capacity)			
					1	set	Carpentry tools			
					2	unit	Knapsack sprayer			
					5	pc.	Storage Container with cap,15 liter capacity			
					2	unit	Weighing scale, 10 kilos capacity (1); 150 kilos capacity (1)			
					5	pcs.	Shovel			
					2	pcs.	Sprinklers, 5 liters			
					1	unit	Step ladder 6 ft.			
					1	unit	Storage tools/cabinet			
					5	pc	Shovel			
					5	pc	Digging Bar/Blade			
					5	pc	Plastic cup, 1 liter capacity			
					3	pc.	Waste cans/bag			
					EQUIPMENT					
					1	unit	Booth/temporary shed			
					1	unit	Shredder			
					1	unit	Fire Extinguisher			
					1	unit	Cart			
					1	unit	Wheel barrow			
					MATERIALS					
					15	kg	Hog Feeds: starter			
					15	kg	Hog Feeds: grower			
					5	head	45-day old piglet			
					8	Bag of 50kgs	Rice Hull			
					1	Bag of 50kgs	Sand			
					10	liter	Molasses			
					1	unit	First Aid Kit			
					15	pcs.	Apron			
					5	liter	Various Concoctions/Extracts			
					15	kg	Hog Feeds: finisher			
					5	head	80-day old pig			
					1	Bag of 50 kgs Soil	Farm Soil			
					50	pc	Bamboo poles			
					2	kg	Monofilament Nylon#150			
					1	pc.	Water Container Drum			
					10	pcs.	Rags			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					RAISE ORGANIC RUMINANTS				
					TOOLS				
					5	pcs. Bolo			
					5	pcs. Broomstick			
					5	pcs. Plastic Pail (10 liter. capacity)			
					1	set Carpentry tools			
					2	unit Knapsack sprayer			
					5	pc. Storage Container with liter capacity			
					2	unit Weighing scale, 10 kilos capacity (1); 100 kilos capacity (1)			
					5	pc. Shovel			
					2	pcs. Sprinklers, 5 liters			
					1	unit Step ladder 6 ft.			
					1	unit Storage tools/cabinet			
					5	pc Shovel			
					5	pc Digging Bar/Blade			
					5	pc Plastic cup, 1 liter capacity			
					3	pc. Waste cans/bag			
					EQUIPMENT				
					1	unit Booth/temporary shed			
					1	unit Shredder			
					1	unit Fire Extinguisher			
					1	unit Cart			
					1	unit Wheel barrow			
					MATERIALS		TRAINING MATERIALS		
					15	kg Goat Feeds: starter, grower, finisher			> Brochures
					15	kg Goat Feeds: grower			> Visual aids
					4	head 45-day old Goat			> Reference manuals
					8	Bags of 50kgs Rice Hull			> Procedural manuals
					1	Bag of 50kgs Soil			> Instructional supplies and materials
					1	roll Plastic sheet			> Reference materials/books/VPM
					1	unit First Aid Kit			> Data (result of soil analysis)
					15	pcs. Apron			> Soil samples
					5	liter Various Concoctions/Extracts			> Reference materials-PNS (livestock)
					15	kg Goat Feeds: finisher			- animal welfare
					4	head 80-day old Goat			- GAHP
					1	Bag of 50 kgs Soil			
					50	pc Bamboo poles			
					2	kg Monofilament Nylon#150			
					1	pc. Water Container Drum			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					10	pcs. Rags			
						PERSONNEL PROTECTIVE EQUIPMENT			
						> Goggles			
						> Long Gloves/Arms Length			
						> Face Mask # 30			
						> Overall Suit			
						> Hair net			
						> Safety Shoes			
						> Rubber Boots			
						> wide Brimmed Hats			
						> Long Sleeves			
						> Long Pants			
ANIMAL PRODUCTION NC II									
					TOOLS				
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	3	Electric lamps			
					3	Pail			
	Building (permanent)	13 X 15	195	195	3	Feed scoop			
	Student/Trainee Working Space	2 X 2 per student	4.00 per student	100	30	Syringe and needles			
	Lecture Room	7 x 5	35	35	1	Debeaker			
	Learning Resource Center	3 x 5	15	15	1	Knapsack sprayer			
	Facilities/Equipment/ Circulation Area				3	Egg grader			
					1	Hover			
					3	Chick guard			
					1	Curtains			
					1	Portable heater			
					3	Plastic feeders, 5-10 kgs			
					5	AI kit and other paraphernalia			
					3	Weighing scale (1000 kg. cap.)			
					5	Tattoo pliers, hammer			
						Syringes (5 to 20ml cap.)			
					5	Shovel, wheel barrow			
					15	Mineral boxes, waterer, feeding trough			
					10	Milking pails			
					5	Milk pasteurizer			
					5	Milk homogenizer			
					5	Ear tags, branding iron			
					EQUIPMENT				
					1	Generator			
					1	Heater			
					1	Weighing scale			
					1	Wheel barrow			
					1	Feed bin			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION			
					1	Feed cart			
					1	Infrared gas brooder			
					30	Fabricated layer cages			
					1	Power Sprayer			
					MODELS/ACTUAL OBJECTS				
						Breed/strain/ hybrid:			
						Broiler strains:			
					60	§ Anak			
						§ Pilch-de-kalb			
						§ Lohman			
						§ Starbro			
						§ Arbor acre			
						§ Avian Peterson			
						§ Cobb			
						Strains of layers:			
						§ Babcock			
					30	§ Dekalb			
						§ H & N			
						§ Hi-sex white			
						§ Kimber			
						§ Starcross			
						§ Lohman LSL			
					30	Breeds of egg-type ducks:			
						§ The Phil. Mallard			
						§ Khaki Campbell			
						§ Indian Runner			
						§ Tsaiya			
						§ Chery Valley Hybrid			
						Breeds of Quail			
						§ Japanese Seattle			
						§ Japanese Taiwan			
					30	§ Silver			
					30	Layer eggs classification:			
						§ XL and jumbo (62 grams up)			
						§ Large (55-61 grams)			
						§ Medium (48-54 grams)			
						§ Small (41 –47 grams)			
						§ Very small/ peewee (below 41 grams)			
					30	Ducks and quail eggs:			
					30	§ Good eggs – this includes cleaned and free from any stain/dirt			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
						§ Reject eggs – this includes cracked, off-shaped, off-sized, heavily/partly soiled and wet eggs			
						Processed eggs:			
						§ Salted eggs			
						§ “Balut” eggs			
						§ Pickled eggs			
						§ Century eggs			
					1	o Dairy Cattle:			
						§ Holstein Friesian			
						§ Sahiwal			
						§ Jersey			
						§ Red Sindhi			
						§ Crosses			
						o Beef Cattle:			
					1	§ Native Strain			
						§ Brahman			
						§ Hindu-Brazil			
						§ Simbrah			
						§ Crosses			
						o Buffaloes			
					1	§ Native Carabaos			
					30	§ Indian Murrah Buffaloes			
						§ Bulgarian Murrah			
						§ Nili Ravi			
						§ American Buffaloes			
						§ Cambodian Buffaloes			
						§ Crosses			
					MATERIALS				
					10	Plastic drinking jars- ¼, ½, 1 gallon cap.			
					10	Chicks size feeders			
					1	Welded wire			
					1	Plastic poultry wire			
					2	PVC pipe			
					10	Feeding troughs (local materials-bamboo or PVC pipe)			
					10	Drinking trough			
					10	Plastic waterers			
					10	Sacks			
					10	Nests			
					1	Old tire			
					5	Aluminum sheets			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1	Plain GI sheets			
					2	Lawanit			
					5	Hard card boards			
					5	Plywood			
						Old newspaper			
						Saw dust			
						Rice hulls			
						· Chicks booster – from 1 day to 2 weeks old			
						· Starter mash – 3-4 weeks old			
						· Finisher mash – 5 weeks old until market age			
						Egg trays			
						· Plastic egg trays (30 pcs./60 pcs. Capacity)			
						· Cartoon egg trays			
						Egg cart			
						Egg boxes			
						Medicines (vitamins and anti-biotics)			
						Dewormer			
						Vaccines			
					PPE:				
						· Dust coats			
						· Mask			
						· Hand gloves			
						· Boots			
						· Rain coats			
						· Fire extinguisher			
						· Foot baths			
					Learning Materials				
						· Production records			
						§ Rearing flock records			
						· Laying flock records			
						· Financial records			
						· Inventory records			
						· Physical records:			
						v Brooding and growing records			
						v Laying flock production records			
						· Financial records:			
						v Value of production and disposal			
						v Other sources of income			
						v Farm expenses			
ARTIFICIAL INSEMINATION (SWINE) NC II									
Based on a class size of 12 students:					TOOLS				
> Collecting pen					6	100 pcs.		Catheters	

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

ESSENTIAL TO SPECIALIZATION							SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
Facilities				TOOLS, EQUIPMENT & MATERIALS					
				Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
> Boar pen	3 x 4 per animal x 6		72	1 set	First aid kit				
> Sow/gilt stall	2 x 0.65 x5 animal		6.6	12 pcs.	Training bag				
> Gilt's pen	1 .1 sq.m. per head x 5		5.5	1	Shovel				
> Lecture Room	7.00 x 5.00		35	1	sandbag				
> AI Laboratory room	6 x 8		48	EQUIPMENT					
> Storage room	4 x 3		12	4	Microscope				
> Learning resource center	3 x 4		12	12 sets	Personal Protective Paraphernalia(scrub suits, powder-free vinyl gloves, rubber boots)				
				12	Laboratory gown				
				1	Vehicle				
				1	Camera				
				1	Power sprayer				
				1	Generator set				
				1	Refrigerator (16 to 17 degree C)				
				1	Fire extinguisher				
				1	Set Audio visuals with screen				
				1	White board				
				12 sets	Chairs and tables				
				2 Units	Computer				
				1	Printer				
				1	Photocopier				
				1 unit	Dryer-Sterilizer				
				1	Semen transport box				
				MATERIALS					
				50 bottles	Semen bottles				
				1pc	Female Reproductive Organ Specimens				
				2 sets	Pail and dipper				
				10 m	Hose				
				6 bottles	Isopropyl alcohol (70%)				
				6 pcs.	Germicidal Soap				
				6 packs	Paper towels				
				5 boxes	Glass slides				
				5 boxes	Cover slips				
				2	Trash can				
				50 pcs.	Disposal waste bags				
				2 pcs.	Broomstick				
				2 pcs.	Brooms				
				6 pcs.	Brush				
				6	Board marker				

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION									
Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					2 rolls	MaskingTapes			
					12 pcs	Pencil/ballpen			
					5 reams	Bond paper			
					2 spray bottles	Pheromones			
					2 bottles	Semen (for the snout for heat detection)			
					100 bottles	Semen (for AI)			
					4 pcs	Pre-warmed collecting cup			
					1 box	Semen filter			
					1 box	Rubber band			
					30 L.	Distilled water			
					1 box	Plastic gloves			
					12 pcs.	Nutrient agar plates			
					2 bottles	Lubricant			
					4	Laboratory thermometer			
						Ice			
						Damp cloth/ used newspaper			
					6 rolls	Tissue paper			
					MODELS/ACTUAL OBJECTS				
					6	Practice animals (boar)			
					5	Practice animals (Sow/gilt)			
					1	Dummy sow			
					LEARNING MATERIALS				
					12 pcs	Training manuals			
					1	Animal charts			
					1	Animal breeds			
					1	Video materials			
					12 pcs	Forms(animal information sheets, sow card, boar card)			
ARTIFICIAL INSEMINATION (LARGE RUMINANTS) NC II									
Working Corral	30 x 30		900	TOOLS					
Animal House	4 x 2 per animal x12		96		12	AI Kit			
Lecture Room	7x 5		35		24	Catheters			
Laboratory room	6 x 8		48		1 pc.	Bull lead			
Storage room	4 x 3		12		1 pc.	Nail cutter			
Locker room/ Dressing area					1 set	First aid kit			
o Female	4x3		12		12 pcs.	Training bag			
o Male	4x3		12		1	Shovel			
					1	Wheel borrow			
				EQUIPMENT					
					1	Liquid Nitrogen Tank			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
						(Dewar) with 33 L capacity (Mother tank)			
					1	Liquid Nitrogen Tank			
						With 3 L capacity (field tank)			
					12 sets	Personal Protective Paraphernalia (boots, coverall/ apron, surgical and shoulder-length plastic gloves			
					1	Vehicle (optional)			
					1	Camera			
					1	Microscope			
					1	Power sprayer (optional)			
					1	Gen set (optional)			
					1	Freezer			
					1	Fire extinguisher			
					1	Set Audio visuals with screen			
					1	White board			
					12 sets	Chairs and tables			
					2 Units	Computer			
					1	Printer			
					1	Photocopier (optional)			
					MATERIALS				
					1,200 pcs	Semen straws			
					1,200 pcs	AI sheaths			
					6 pcs	Female Reproductive Organ Specimens			
					120 m.	Rope			
					1L	Iodine (10% Povidone)			
					2 sets	Pail and dipper			
					10 m	Hose			
					12 bottles	Ethyl alcohol (60%)			
					12 bottles	Isopropyl alcohol (70%)			
					12 pcs.	Germicidal Soap			
					12 pcs.	Disposable towel			
					1pcs.	Flash lights			
					1 box	Glass slides			
					1 box	Cover slips			
					2	Trash can			
					50 pcs.	Disposal waste bags			
					12 packs	Paper towels			
					2 pcs.	Broomstick			
					1 box	Surgical gloves			
					1 box	Shoulder-length gloves			
					2 pcs.	Brooms			
					6 pcs.	Brush			
					12 sheets	Manila paper			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION									
Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					6 pcs	Board marker			
					2 rolls	Tapes			
					12 pcs	Pencil			
					1 ream	Bond paper			
					TRAINING MATERIALS				
					12 pcs	· Training manuals			
					1 pc	· Animal charts			
					1 pc	· Animal breeds			
					1 lot	· Video materials			
					MODELS/ACTUAL OBJECTS				
					12	Practice animals			
SLAUGHTERING OPERATION NC II									
Required training facilities for training institution that will offer Slaughtering Operations NC II for hog/pig/swine only, based on a class intake of 15 students/trainees.									
Student/Trainee Lecture room	30		30	TOOLS					
Slaughter house	26		26		15 pcs	Work knife	2 pcs		Hooves remover *
Holding Pen	9		9		2 pcs	Stick knife	15 units		Protective hand and arm covering *
Loading Bay	6		6		15 pcs	Flaying knife	15 units		Ear plugs/muffs *
Restroom/Wash/	6		6		15 pcs	Scabbard			
Locker/Changing Room	6		6		15 pcs	Sharpening steel			
Waste (water) management facilities					15 pcs	Sharpening stone			
TOTAL AREA	83		83		EQUIPMENT				
					1 unit	Stunner			
					1 unit	Electric hoist			
					1 unit	Overhead rails roller			
					10 pcs	Gambrel			
					1 unit	Blood trough			
					1 unit	Scalding vat/tank			
					1 unit	Dehairing machine/table			
					1 unit	Inspection tables			
					1 unit	Paunch truck			
					1 unit	Weighing scale			
					2 sets	Spray Hose with rack			
					4 units	Sterilizers			
					1 unit	Restraining box			
					1 unit	Condemnation receptacle			
					1 unit	Weighing scale			
					LIVESTOCK				
					150	Pig			
					MATERIALS				
						Stunning cartridge			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
						Plastic pail			
						Abaca /Plastic twine			
						PERSONNEL PROTECTIVE EQUIPMENT			
					15 units	Coat and apron			
					15 units	Protective head and hair covering			
					15 units	Safety shoes or waterproof footwear			

Required training facilities for training institution that will offer Slaughtering Operations NC for cattle/ox only, based on a class intake of 15 students/trainees.

Student/Trainee Lecture room	30		30	TOOLS			PPE:		
Slaughter house	43		43		15 pcs		15 units	Protective hand and arm covering *	
Holding Pen	30		30		2 pcs		15 units	Ear plugs/muffs *	
Loading Bay	6		6		2 pcs	Hooves remover *			
Restroom/Wash/	6		6		15 pcs	Flaying knife			
Locker/Changing Room	6		6		15 pcs	Scabbard			
Waste (water) management facilities					15 pcs	Sharpening steel			
TOTAL AREA	91		91		15 pcs	Sharpening stone			

Required training facilities for training institution that will offer Slaughtering operations NC II for both cattle/ox and hog/pig/swine, based on a class intake of 15 students/trainees.

				EQUIPMENT					
Student/Trainee Lecture room	30		30		1 unit	Stunner			
Slaughter house	70		70		1 unit	Hoist			
Holding Pen	40		40		1 unit	Overhead rails			
Loading Bay	6		6		5 pcs	Gambrels			
Restroom/Wash/	6		6		1 pc	Spreaders			
Locker/Changing Room	6		6		1 unit	Dehiding platform / cradle			
Waste (water) management facilities					1 unit	Blood trough			
TOTAL AREA	158		158		20 pcs	Meat hook with rollers *			
					1 unit	Splitting axe/saw			
					5 pcs	Paunch truck			
					5 pcs	Viscera truck			
					5 pcs	Inspection table			
					1 set	Hose			
					6 units	Sterilizer			
					1 unit	Restraining box			
					1 unit	Condemnation receptacle			
					1 unit	Weighing scale			
				LIVESTOCK					
					75	Cattle			
				MATERIALS					
						Stunning cartridge			
						Plastic pail			
						Abaca / Plastic twine			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION
					PERSONNEL PROTECTIVE EQUIPMENT					
					15 units	Coat and apron				
					15 units	Protective head and hair covering				
					15 units	Safety shoes or waterproof footwear				
HORTICULTURE NC II										
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS					
					25	pcs	Bolos			
					10	pcs	Broomstick			
	A. Building (permanent)			170.3	5	pcs	Calculator			
	Student/Trainee Working Space	2 x 2 per student/ trainee	4.00 per student	100	5	pcs	Container			
	Learning Resource Center	3 x 5	15	15	5	sets	Cutting tools			
	Facilities/Equipment/Circulation (30% of tea			39.3	5	sets	Digging tools			
	Store Room	4 x 4	16	16	2	pcs	Drying meter			
	B. Experimental Land Area	5 sq m /trainee	125	125	10	pcs	Dulos			
					5	pcs	Fruit crate			
					5	sets	Harvesting tools			
					25	pcs	Hat			
					5	pcs	Knapsack sprayer			
					5	sets	Knife			
					5	pcs	Light hoe			
					2	pcs	Moisture meter			
					2	pcs	Petri-dish			
					3	pcs	pH meter			
					5	pcs	Pick mattock			
					5	pcs	Picking knife			
					1	pc.	Plow			
					2	sets	Plumbing tools			
					5	sets	Post-Harvest treatment tools			
					25	pcs	Protective coat			
					25	pcs	Protective gadgets			
					5	pcs	Pruning sheers			
					5	pcs	Rake			
					10	pcs	Scissors			
					10	pcs	Shovel			
					15	pcs	Sprinklers			
					2	pcs	Step ladder			
					2	pcs	Storage tools/cabinet			
					25	pcs	Transplanting tools			
					25	pcs	Trowel			
					EQUIPMENT					

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					2	Booth/temporary shed			
					5	Cart (Kariton & paragus)			
					2	Comb-tooth harrow			
					1	Computer			
					5	Crates			
					1	Drying oven			
					1	Greenhouse/nursery			
					1	Harvesting equipment			
					1	Irrigation system (sprinkler, mist/drip irrigation)			
					1	Mower (grass cutter)			
					1	Over head projector (OHP)			
					1	Portable chain saw			
					1	Post-Harvest treatment equipment			
					1	Power sprayer			
					1	Rotavator			
					1	Service vehicle (optional)			
					1	Sorting equipment			
					2	Spike tooth harrow			
					1	Surface irrigation system			
					1	Tractor/Carabao			
					MATERIALS		TRAINING MATERIALS		
					250 pcs.	· Agri bags, plastic	25	· Brochures	
					500 pcs.	· Bamboo stick	2	· Instructional supplies & materials	
					5 pcs.	· Basket	2	· Visual aids	
					5 rims	· Bond paper	5	· Reference materials/Books (Kinds of Tropical Fruits)	
					5 pcs.	· Catching nets	5	· Reference manuals (first aide kit with reference manua	
					3 doz.	· Clips	5	· Data (Data on result of soil analysis)	
					5 sacks	· Coconut dust	5	· Procedural manuals	
					5 sacks	· Compost	5	· Soil samples analysis	
					1 sack	· Fertilizers			
					1 kit	· First aide supplies/ medicine			
					5 bottles	· Flower inducer			
					5 bottles	· Fungicides			
					25 pairs	· Gloves			
					5 sacks	· Growing media (garden soil, sewed sand, compost, soil, manure and sawdust/rice)			
					5 pcs.	· Killing bottles			
					5 pcs.	· Marking pens			
					25 pcs.	· Masks			
					5 sacks	· Mulching material			
					25 m	· Hair nets			
						· Packaging materials, assorted			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					5	· Pail			
					5 rims	· Paper/bond			
					25	· Pencil			
					25	· Pens			
					5 bottles	· Pesticides/ Insecticides			
					5 pieces	· Pieces of cloth			
					100	· Plastic bag			
					1 set	· Plumbing supplies			
					250	· Pots			
					5 sacks	· Propagating media (garden soil, sawdust, sand, composed, coconut coir)			
					3 sacks	· Rice hull			
					3 rolls	· Rope, (small, med. Large)			
					3 boxes	· Rubber band			
					25 pairs	· Rubber boots			
						· Rubber knots			
					25 sacks	· Sacks			
						· Sample of matured vegetable crops			
					5 boxes	· Seed box			
						· Seedlings, assorted			
					2 packs per crop	· Seeds			
					5	· Soil auger			
					5 rolls	· String			
					5 bottles	· Tetrazolium chemical			
						· Transplanting supplies			
					5 pcs.	· Detergent, liquid and powder soap			
					5 pcs.	· Brush			
FOOD/FISH PROCESSING NC II									
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS				
					5	Weighing scales (10 kg. capacity)			
					5	Dietetic scales (1 kg. capacity)			
	A. Building (permanent)				15	Pairing knives			
	Laboratory area	6 x10	60	60	10	Peelers			
	Tool room & S/M storage area	4 x 5	20	20	5	Measuring spoons, sets			
	Learning resource area	5 x 6	30	30	5	Measuring cups (solid)			
	Wash area/comfort room (male & female)	2.5 x 4	10	10	5	Measuring cups (liquid)			
	Total			120	2	Clocks/timer			
	Facilities/Equipment/Circulation (30% of teaching accommodation)			40	15	Mixing bowls, stainless steel			
	B. Experimental Land Area			n/a	10	Hard plastic chopping boards			
	Total workshop area			160	5	Dial thermometers			
					5	Osterizer			
					5	Jar liter			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities					TOOLS, EQUIPMENT & MATERIALS		SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity	ITEM/TECHNICAL SPECIFICATION	Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
					1	Food processor, set			
					5	Wire baskets			
					15	Casseroles stainless steel			
					10	Saucepan, stainless steel			
					15	Spoons, wooden			
					10	Spoon, basting			
					4	Paddles, wooden			
					10	Food tongs			
					2	Steamer			
					5	Soaking container			
					5	Fermented containers			
					20	Utility trays			
					15	Colanders, stainless steel			
					EQUIPMENT				
					1	Smoke house			
					1	Chiller			
					1	Refrigerator			
					1	Freezer			
					5	Stoves			
					1	Jack lift			
					1	Trolley			
					1	Wheeler			
					1	Poly/temperature sealer			
					1	Cap sealer			
					1	Pressure canner			
					1	Pressure cooker			
					1	Cap seal			
					1	Oven			
					2	Steam-jacketed kettle			
					5	Smoking trays			
					1	Meat grinder			
					1	Stuffer/linker			
					1	Silent cutter			
					2	Brix refractometers (0-20° brix)			
					1	Salinometer			
					2	Electronic scales			
					1	Consistometer/viscosimeter			
					1	Vacuum pack machine			
					1	Laboratory scale cabinet drier or forced draft oven			
					1	Headspace gauge			
					MATERIALS				
					A. Food supplies				

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

SUPPLEMENTAL TO ESSENTIAL - will optimize implementation

Facilities					TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
					Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION
					5 doz	· Fresh eggs				
					10 kgs	· Fresh meat				
					10 pcs.	· Dressed poultry				
					20 kgs.	· Fresh fish (medium size)				
					20 kgs.	· Fresh fish (small)				
					10 kgs.	· Fresh fruits				
					10	· Fresh vegetables				
					kgs.					
					1 set	· Curing ingredients for ham (good for 10 kgs.)				
					1 set	· Curing ingredients for tocino/longanisa (good for 10 kgs.)				
					3 kg	· Salt (Pangasinan)				
					1 sack	· Refined sugar				
					3 gal	· Vinegar				
					2 gal	· All spice pickling solution				
					1 kg	· Citric acid				
					1 kg	· Sodium benzoate				
					1 kg	· Firming agent				
					2 gal	· Pineapple juice (unsweetened)				
					1 can	· Active dry yeast				
					1 gal	· Mother vinegar				
					B. Non food					
					2 packs	· PE plastic packaging materials				
					3 boxes	· 8 oz., 12 oz., round bottles w/ PVC caps				
					3 boxes	· Catsup bottles w/ plastic caps				
					2 packs	· Cap seals				
					2 gals	· Disinfectant/sanitizers				
					5	· Bar soap/detergent				
					1 btl.	· Glue				
					1 pack	· Tags/labels				
					10	· Corrugate cartons				
					10 bundles	· Firewood for smoked house				
					TRAINING MATERIALS					
						· books/reference				
						· manual				
						·				
						· videos				
FISHPORT/WHARF OPERATIONS (FISH HANDLER)										
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	TOOLS					
					5 pcs	Wooden mallet				
					25 pcs	Fish tray/tub				
	A.Building (permanent)			170.3		25 pcs	Brush			
	Student/Trainee Working Space	2 x 2 per student/trainee	4 per student	100		25 pcs	Bucket or pail			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)										
ESSENTIAL TO SPECIALIZATION								SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
	Facilities				TOOLS, EQUIPMENT & MATERIALS					
					Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
	Learning Resource Center	3 x 5	15	15		25 pcs	Stainless hook or ganso			
	Facilities/Equipment/ Circulation Area			39.3		1 pc	Pressurized or ordinary hose			
	Store Room	4 x 4	16	16	EQUIPMENT					
	B.Fishport/Wharf *	200 x 100	20,000	20,000		1 set	Conveyor			
	Total Area			20,341		5 units	Cartwheel			
						5 units	Classifying table			
						5 units	Weighing scale			
						1 unit	Foot operated drinking fountain			
						25 sets	Personal Protective Equipment			
							· Apron			
							· Gloves			
							· Rubber boots/ Winter boots			
							· Head gears			
							· Winter jacket			
							· Hard hat			
							· Long pants			
							· White shirts			
					MATERIALS					
						25 pcs	Soap			
						5 liters	Chlorine			

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION

Facilities				TOOLS, EQUIPMENT & MATERIALS			SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
				Quantity	ITEM/TECHNICAL SPECIFICATION		Quantity for 20	ITEM/TECHNICAL SPECIFICATION	
INFORMATION COMMUNICATION AND TECHNOLOGY (ICT)									
ANIMATION NC II									
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	MATERIALS				
						Animation paper			
						Bull clip			
						Learning Materials/Guide			
						Learning elements			
						Hand-outs			
						Printable storyboard			
						Practice materials			
				TOOLS					
						Animation disc			
						Pencil			
						Peg paper			
						Eraser			
						Feather Duster			
					EQUIPMENT				
						Ergonomic computer tables and chairs			
						Light box			
						printer			
MEDICAL TRANSCRIPTION NC II									
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters	MATERIALS			6 x 5 Lecture Room	
						Commercially available practice audio files with proof of purchase/source			
						Word Processor			
						Foot Pedal or equivalent audio controller			
						for transcription			
						Earphones			
						Medical Dictionary			
						English Dictionary			
						Drug Reference Book			
				FURNITURES					
						Computer Table			
						Ergonomic Chairs			
				EQUIPMENT					
					1:1	Computer			
					1:1	Audio player software or equivalent			
COMPUTER PROGRAMMING NC IV									
	Space Requirement	Size in Meters	Area in Sq. Meters	Total Area in Sq. Meters					

DETERMINATION OF RESOURCES (TECH-VOC TRACK)

ESSENTIAL TO SPECIALIZATION							SUPPLEMENTAL TO ESSENTIAL - will optimize implementation		
Facilities				TOOLS, EQUIPMENT & MATERIALS					
				Quantity		ITEM/TECHNICAL SPECIFICATION	Quantity for 20		ITEM/TECHNICAL SPECIFICATION
<p>The workshop or training for any course is dictated by three important factors:</p> <p>(a) the nature and type of course to be conducted;</p> <p>(b) the number of trainees and</p> <p>(c) the type and size of equipment and machines to be installed or used.</p> <p>Appropriate consideration should be given in providing and allocating work space, communications facilities, and the usual workplace amenities to ensure a proper learning environment. Where applicable, training shall be held or conducted in learning facilities in accordance with generally accepted industry standards and practice.</p>				<p>The quantity of tools and equipment to be used for the conduct of training for this qualification shall depend on the number of students, size of the class, and/or modality of training. The most important consideration is to make sure that tools and equipment are adequately provided to all trainees when needed. The actual list of tools, equipment, machines, supplies and other materials to be used shall be identified and detailed in the Competency Based Curriculum (CBC) to be submitted by the TVET provider when registering a course or training program with TESDA.</p>					
				<p>Due to the fast-changing nature of the Information and Communications Technology (ICT) sector, TVET providers are reminded to use and provide their trainees with the latest technology tools, equipment and materials where appropriate and applicable.</p>					
				<p>In cases where there are specialized tools, equipment and facilities that are not generally considered standard requirements or not absolute requisites for training, the industry working group or TESDA may provide guidelines or specific advice on such matters.</p>					
THE REQUIREMENTS FOR THE TECHVOC SPECIALIZATIONS SHALL BE SUBJECTED FOR VALIDATION BY THE PRACTITIONERS									