



TENTATIVE CUSTOMIZED TRAINING PROGRAM (HANDS-ON)

WEEK 1		
	MORNING	AFTERNOON
WEEKEND		Arrival and settling down
Monday	<ul style="list-style-type: none"> Understanding your planned fish farming activities Discussion about your expectations Setting targets to be achieved during apprenticeship period 	Visit to a small fish farm for general overview discussions
Tuesday	Catfish propagation theory and discussions	PRACTICAL EXERCISE: <ul style="list-style-type: none"> Broodstock harvesting, handling, selection Extraction of pituitary and injection of female catfish Preparation of saline solution
Wednesday	PRACTICAL EXERCISE: <ul style="list-style-type: none"> Stripping female catfish, removal of testes from male catfish, fertilization Preparation of substrate Incubation 	<ul style="list-style-type: none"> Practical Exercise continued Post-exercise discussions
Thursday	<ul style="list-style-type: none"> Site selection and Farm design (Discussions) Hypothetical Exercise 	Field Visit/Farm visit for on-site discussions
Friday	<ul style="list-style-type: none"> Pond Construction and Water diversion Hypothetical Exercise 	PRACTICAL EXERCISE: <ul style="list-style-type: none"> Prepare Nursery pond in for stocking hatched fry Observations on the incubated eggs for any developments
Saturday	FIELD DEMONSTRATIONS ON: <ul style="list-style-type: none"> Selecting a good site Pegging an earthen fish pond Water diversion 	Field Demos Cont'd <ul style="list-style-type: none"> Fitting of stand-pipe
Sunday	RESTING DAY (Re-scheduling possible on request)	

NOTE:

- i. You are advised to carry a laptop (if you can) to help with discussions and storage of reading materials
- ii. Discussions are aimed at addressing what is relevant to the clients' planned farm activities
- iii. Field visits involve going to different farms to learn from their achievements and challenges
- iv. Practical exercises require full participant ion from the client/student



WEEK 2

	MORNING	AFTERNOON
Monday	<ul style="list-style-type: none"> Harvesting hatched fry and transferring them to nursery pond 	<ul style="list-style-type: none"> Hatchery design and management Hypothetical Exercise
Tuesday	FISH FARM MANAGEMENT <ul style="list-style-type: none"> Daily/weekly checklist Feeding – Methods, types of feeds, timing, quantity Weed/predator/disease control 	PRACTICAL EXERCISE: <ul style="list-style-type: none"> Fish sampling demonstration Removing pond scum Feeding
Wednesday	WATER QUALITY MANAGEMENT: <ul style="list-style-type: none"> Pond fertilization How to maintain good water quality 	PRACTICAL EXERCISE <ul style="list-style-type: none"> How to apply fertilizer/liming How to measure temperature, water fertility (using Secchi disk), pH
Thursday	<ul style="list-style-type: none"> Tilapia propagation, sexing 	Field Visit/Farm visit for on-site discussions
Friday	<ul style="list-style-type: none"> Recap of previous day's activities Fingerling counting, handling, transportation and stocking 	<ul style="list-style-type: none"> DEMONSTRATION on fingerling packaging General discussion with all facilitators
Saturday	FIELD DAY: <ul style="list-style-type: none"> Visit to a small group hatchery Discussions on-site with group members 	FIELD DAY: <ul style="list-style-type: none"> Visit to an personal tilapia/catfish hatchery Discussions on-site with the farmer
Sunday	RESTING DAY (Re-scheduling possible on request)	

WEEK 3

	MORNING	AFTERNOON
Monday	FISH FEED FORMULATION <ul style="list-style-type: none"> Fish nutrient requirements Selection of feed ingredients Ingredient preparation 	<ul style="list-style-type: none"> Formulating feeds using Pearson Square Method Using Computer program Hypothetical exercise
Tuesday	FISH FEED FORMULATION <ul style="list-style-type: none"> Practical demonstrations/exercises on the farm 	FIELD VISIT: <ul style="list-style-type: none"> Visit a small group that produces locally made fish feeds
Wednesday	TEST EXERCISE: <ul style="list-style-type: none"> Harvest the catfish fingerlings we produced, count and package them ready for transportation 	<ul style="list-style-type: none"> Setting up your own fish farm (discussion) OVERNIGHT ASSIGNMENT: <ul style="list-style-type: none"> Design and draw a layout sketch for your proposed fish farm back at home
Thursday	<ul style="list-style-type: none"> Discussing your proposed farm layout Making an enterprise budget 	<ul style="list-style-type: none"> Record keeping Marketing Visit a small scale fish buyer within town
Friday	<ul style="list-style-type: none"> FIELD TOUR 	<ul style="list-style-type: none"> FIELD TOUR
Saturday	TRAINING SUMMARY: <ul style="list-style-type: none"> Final discussions on achievements and way forward 	