

## COURSE OUTLINE

### COURSE TITLE: INTENSIVE TRA CATFISH FARMING TECHNIQUES

**Course description:** Understanding of the biological characteristics, the principles of water quality and disease management, pond design and operation, culture techniques of Tra catfish, nutrition and feeding management.

**Learning outcome:** On successful completion of this course, learners should be able to acquire and apply technical knowledge and relevant information on practical issues in Tra catfish farming. The learners should master the methods that are necessary to develop a farming plan and basic farm design.

**Content:** The content of this course is highlighted in the table below.

<b>Time duration (minute)</b>	<b>Content</b>	<b>Tasks, questions, working steps</b>	<b>Method</b>	<b>Materials (technical)</b>	<b>Moderator</b>
30	Introduction to Tra catfish biology	What are the most important biological characteristics that need for culture?	Lecture; discussion	LCD projector, computer, flipchart stands and pads	Tri and assistant
60	Pond design, operation and management	How to design and manage Tra catfish pond?	Lecture; discussion	LCD projector, computer, flipchart stands and pads	Tri and assistant
60	Feed and feeding management	How to manage feeding?	Lecture; discussion	LCD projector, computer, flipchart stands and pads	Tri and assistant
60	Water quality management	Which parameter need to monitor?	Lecture; discussion	LCD projector, computer, flipchart stands and pads	Tu and assistant
60	Disease, prevention and treatment	How to diagnose, prevent and treat common disease in culture pond?	Lecture; discussion	LCD projector, computer, flipchart stands and pads	Tri and assistant

**Didactic remarks:** This short course is designed for learners who were previously trained in aquaculture field of study and who are working in aquaculture farms. And it is relevant to the conditions of Nong Lam University- Ho Chi Minh City, Vietnam.

**Tasks for learners:** Learners should have (basic) knowledge of aspects of aquatic animal culture and pond management.

**Supportive material:** supportive materials for this course are presented in the above table.

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