



SWINE ARTIFICIAL INSEMINATION TRAINING COURSE

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Training Center on Pig Husbandry,
Philippines

ATI - International Training Center on Pig Husbandry

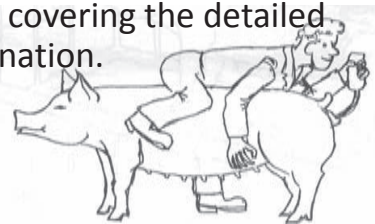
- **Government training center dedicated to:**
Empower the farmers and entrepreneur to achieve goals of productivity and profitability
- **One of the 17 training centers of ATI**
- **Located at Marawoy, Lipa City, Batangas, Philippines**

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Course description

The course is intended for practicing and would-be AI technicians.

It is a highly practical course, covering the detailed aspects of swine artificial insemination.



Objectives:

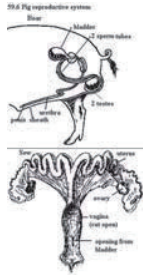
At the end of the course, participants are expected to:

1. Acquired proficiency in semen evaluation, processing and evaluation.
2. Familiarize themselves with the set-up of a functional AI laboratory.
3. Know the use of basic equipments for a successful AI program.

Duration and Course Contents:

This is a one week program, which includes:

○ Lectures on:



○ Selection, Management & Culling of Boars

○ Anatomy and Physiology

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Duration and Course Contents:

This is a one week program, which includes:

○ Laboratory Exercises



○ Hygiene and Sanitation



○ Semen evaluation & processing

○ Factors affecting Sperm cell survival

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Practical or Hands-on Exercises :

○ The AI Boar and the Art and Science of AI which includes:



○ Training of Boar



○ Semen collection



○ Heat detection & AI



○ Pregnancy diagnosis

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Workshop Classes :

○ Economics

- Cost of establishing an AI Center
- Cost to produce 1 bottle of extended semen
- Cost and Return Analysis

- Let's say for a 100 sow level farm :
- Natural : 5 boars (1:20)
- AI : 1 boar (1:100)
- Ex: 1 boar x P32/day = P32.00
- 5 boars x P32/day = P160.00
- Savings of P128.00/day

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Participants' Evaluation

Participants are evaluated through:

- **Written Examination (Pre-Test and Post-Test)**
- **Actual Demonstration of Semen Collection and Management of Boars**
- **Semen Evaluation and Processing**

Thank You!

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