



**CONTINUING EDUCATION**  
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# Course Brochure

## Introductory course on Artificial Insemination (AI) of Cattle

**21-23 November 2011**

Presented by the University of Pretoria  
Department of Animal and Wildlife Sciences

### BRIEF DESCRIPTION

This is an introductory course on the Artificial Insemination (AI) of cattle. The basic anatomy and physiology of the female reproductive system are discussed. This includes basic endocrinology and reproductive cycles in bovines. The course is intended for dairy managers, dairy and beef cattle farmers, herdsman, and students in animal production, agricultural technicians and extension officers. The course is presented over 3 days and includes a 60% practical component. This course covers the basic principles of AI and practical training in AI, and serves as entrance requirement for the advanced course for subsequent registration as inseminators of cattle. Basic knowledge of cattle management and production is a recommendation.

### COURSE CONTENT

Anatomy of female reproductive system  
Physiology of reproduction in cattle  
Reproductive cycles in cattle  
AI legislation in South Africa  
Advantages and disadvantages of AI  
AI technique  
Practical training

### LEARNING OUTCOMES

After completion of this AI course, attendees will understand the basic anatomy and physiology of reproduction in cattle. They will be able to artificially inseminate cattle.

### WHO SHOULD ENROL?

The course is intended for dairy managers, dairy and beef cattle farmers, herdsman, and students in animal production, agricultural technicians and extension officers.

### ADMISSION REQUIREMENTS

A Grade 10 Certificate is required. Basic knowledge of cattle management and production is a recommendation.

### COURSE STRUCTURE AND VENUE

This is a three day course that will be presented at a suitable training venue at the University of Pretoria.

### ASSESSMENT AND ACCREDITATION

Delegates who successfully complete the course will receive a University of Pretoria certificate. The University of Pretoria is accredited by the Council on Higher Education (CHE). The recommended NQF level is 4/5.

### COURSE FEE (CE at UP IS EXEMPT FROM VAT)

R 4 500.00 per delegate

### REGISTRATION AND ENQUIRIES

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### ENQUIRIES REGARDING COURSE CONTENT

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