



## Companion Animal Management Certificate

The Certificate in Companion Animal Management offers courses in a wide spectrum of areas including nutrition, diseases, genetics, reproduction, anatomy and physiology, behavior, and welfare. Students completing the certificate will gain basic skills in companion animal management and care for employment opportunities as animal caretakers, pet groomers, veterinary technicians/assistants, pet shop management, and companion animal sales and services. For students interested in continuing their studies all courses are applicable to the A.A.S. or B.S. degree programs related to Animal and Veterinary Sciences.

### Certificate Requirements

Required Courses.....10-11 hrs

AGR 125, 126 (1); AGR 255, select 1 course from 321 (4), 373, 374, 375, 376, 377, or 421

Total Curriculum Requirements:.....10-11 hrs

### Course Descriptions

**AGR 125 Principles of Animal Science. (3) I.** Corequisite: AGR 126. Management and production of livestock enterprises; types, market classes, and grades of beef cattle, sheep and swine, and the breeds and products of dairy cattle.

**AGR 126 Animal Science Laboratory. (1) I.** Corequisite: AGR 125. Applied principles in the proper handling, restraint, and management techniques in beef, dairy, sheep, swine, and horses.

**AGR 255 Companion Animal Management. (3) A.** Care and management of dogs, cats, rabbits, birds, reptiles and tropical fish. Companion animal breeds, behavior, nutrition, genetics and reproduction will be emphasized.

**AGR 321 Feeds and Feeding. (4) I.** Feeds used in livestock feeding; including harvesting, storage, feeding characteristics, and ration formulation from these feedstuffs. 3 Lec/2 Lab.

**AGR 373 Animal Diseases. (3) I.** Prerequisite: six hours of animal science. Treatment, prevention, and eradication of infectious and parasitic disease of farm animals.

**AGR 374 Genetics of Livestock Improvement. (3) II.** Prerequisite: six hours of animal science. Applied genetic principles of improving farm animals including crossbreeding, inbreeding, and other mating plans.

**AGR 375 Reproduction and Artificial Insemination of Domestic Animals. (3) A.** Prerequisite: six hours of animal science. Reproductive systems, study and practice of artificial insemination, and pregnancy diagnosis of domestic animals. 2 Lec/2 Lab.

**AGR 376 Anatomy and Physiology of Domestic Animals. (3) A.** Prerequisite: AGR 125. Fundamental physiological processes of livestock relating to production, nutrition, and diseases. 2 Lec/2 Lab.

**AGR 377 Livestock Behavior and Welfare (3) A.** Prerequisite: AGR 125 and 126. An overview of livestock behavior and its application in modern animal husbandry.

**AGR 421 Animal Nutrition. (3) II.** Prerequisite: AGR 321 or instructor approval. Principles of nutrition basic to modern livestock feeding; symptoms of nutrient deficiencies, nutritional disorders, metabolism of nutrients, feed additives, and modern methods of feed preparation and feeding.

### For More Information

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