

# American College of Apothecaries

## ASEPTIC TECHNIQUE IN VETERINARY PHARMACY

Aseptic Technique in Veterinary Pharmacy is a 15.5 hour course

This course is designed to provide training in the aseptic processing of sterile veterinary preparations including vials, ophthalmic and infusion solutions. Participants will receive training in aseptic technique, facility requirements, environmental monitoring, filtration, quality control and filter integrity testing, sterility and sterility assurance and the proper use of equipment and supplies used to prepare sterile preparations.

Instructed by  
**Rob Nolly, DPh, MS**  
University of Tennessee  
College of Pharmacy

Upon completion of this program, the participant will be able to:

- Demonstrate knowledge of legal, regulatory and professional requirements affecting compounding of veterinary preparations
- Identify facility requirements necessary for compounding sterile veterinary preparations
- Describe operational requirements of laminar airflow workstations
- Demonstrate proper technique necessary to compound sterile veterinary preparations
- Describe methods for monitoring the environment in which sterile veterinary preparations are compounded
- Identify quality control tests for sterile veterinary preparations
- Discuss methods of sterilization
- Demonstrate the ability to integrity test a sterilizing filter
- Prepare sterile injectable and ophthalmic preparations for veterinary use

### Day One

9:00 a.m. – 11:00 a.m. Lecture

- Aseptic Veterinary Compounding
- Aseptic Technique, Facility Requirements, Laminar Air-flow Workstations and Environmental Monitoring
- Quality Control Tests for Sterile Preparations
- Sterilization and Sterility Assurance

11:15 a.m. – 12:00 noon Lab

- Equipment Preparation
- Aseptic Technique
- Preparation of Sterile Paraben Water for Injection
- Filtration and Filter Integrity Testing
- pH Determination and Adjustment

12:00 p.m. – 1:00 p.m. Lunch (provided)

1:00 p.m. – 5:00 p.m. Lab

- Aseptic Technique
- Preparation of Sterile Paraben Water for Injection
- Filtration and Filter Integrity Testing
- pH Determination and Adjustment

### Day Two

9:00 a.m. – 10:30 a.m. Lecture

- USP Chapter <797>
- Pharmaceutical Compounding – Sterile Preparations

10:45 a.m. – 12:00 noon Lab – (cont'd)

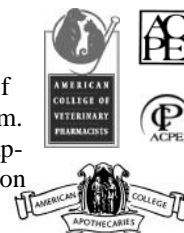
- Preparation of Injectable Products

12:00 noon – 1:00 p.m. Lunch (provided)

1:00 p.m. – 5:00 p.m. Lab – (cont'd)

- Preparation of Ophthalmic Products

Aseptic Technique in Veterinary Pharmacy Program has been approved for 15.5 contact hours (1.55 CEU's) of continuing Education credit. Universal Program #'s 0201-9999-08-015-L04-P and 0201-9999-08-015-L04-T. Attendees will be requested to complete an evaluation form for the program. Continuing education statements of credit will be awarded at the conclusion of the program, upon completion of the CE statement of credit form. These forms must be signed by an ACA staff member. This program, carrying ACPE program numbers, is approved for continuing education credit. A certificate of completion will also be issued upon successful completion of this program. The ACVP is co-sponsored by ACA.



**American College of Apothecaries**  
Phone: 800.828.5933

**2830 Summer Oaks Dr.**  
Fax: 901.383.8882

**Bartlett, TN 38134**  
Email: [terri@acainfo.org](mailto:terri@acainfo.org)