

**Clinical Veterinary Science Teachers Workshop Agenda (Year 2)**  
**2014 Northern Region Illinois Agriculture Teachers Workshop**  
**Illinois State University**  
**Normal, Illinois**  
**August 5-6, 2014**

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**August 5 (8:00-9:00): "Overview of National Veterinary Science Certificate Career Program"**

The "National Veterinary Science Certificate Career Program" for high school students is composed of a career-oriented curriculum and a job-trained apprenticeship. Classroom instruction techniques to aid in teaching of veterinary science subject matter and career skills will be described.

**August 5 (9:00-12:00): "Lessons and Activities of the Clinical Veterinary Science Curriculum"**

The presenter will provide professional development in subject matter through interactive discussions to aid teachers in teaching of 4 clinical veterinary science lessons and activities.

"Infectious Diseases: Digestive System"

"Infectious Diseases: Integumentary System"

"Infectious Diseases: Respiratory & Reproductive Systems"

"Infectious Diseases: Generalized Conditions"

**August 5 (1:00-4:00): "Lessons and Activities of the Clinical Veterinary Science Curriculum"**

The presenter will provide professional development in subject matter through interactive discussions to aid teachers in teaching of 4 clinical veterinary science lessons and activities.

"Diseases Common to Humans & Animals"

"Clinic Infectious Disease Control"

"Disinfection & Sterilization"

"Handling & Administering Medications"

**August 6 (9:00-12:00): "Skills of the Clinical Veterinary Science Apprenticeship"**

The presenter will provide professional development in clinical skills through a hands-on workshop to aid teachers in teaching of 10 clinical veterinary science skills.

**Nine Hands-On, Round-Robin Stations for 10 Clinical Skills:**

1. Describes vaccinations for cattle.
2. Describes vaccinations for sheep & goats.
3. Describes vaccinations for swine.
4. Describes vaccinations for horses.
5. Describes vaccinations for dogs.
6. Describes vaccinations for cats.
7. Recognizes the symptoms commonly associated with animals affected by rabies.  
Uses procedures that ensure personal safety when handling animals suspected of having rabies.
- 8, 9. Demonstrates a basic understanding of the most commonly used veterinary drugs (antibiotics, dewormers).  
Properly identifies and disposes of expired substances.

### **August 6 (1:00-4:00): "Skills of the Clinical Veterinary Science Apprenticeship"**

The presenter will provide professional development in clinical skills through a hands-on workshop to aid teachers in teaching of 10 clinical veterinary science skills.

#### **Eight Hands-On, Round-Robin Stations for 10 Clinical Skills:**

1. Keeps assigned work areas clean and orderly.  
Demonstrates a basic knowledge of sanitary procedure.
2. Describes (or demonstrates) the proper method for administration of a paste or topical drug on an equine patient.
3. Describes (or demonstrates) the proper method for administration of a bolus, paste or topical drug on a bovine patient.
- 4, 5. Describes (or demonstrates) the proper method for administration of tablets, capsules, liquid and topical drugs for canine and feline patients.
6. Selects the correct syringes on demand from the veterinarian.  
Selects correctly the needle gauge and length requested by the veterinarian.
7. Recognizes intravascular, intramuscular, subcutaneous, and intraperitoneal applications.
8. Correctly fills syringes with medication as directed.  
Properly disposes of syringes, needles and other sharp objects commonly used in the veterinary clinic.