

Nebraska FFA Veterinary Science Contest

2023 Districts 3, 4 & 10

Northeast Community College

Advisors and Students,

1/19/2023

Here is an overview for the FFA Career Event Veterinary Science. The exam is made up of 50 multiple choice questions. The questions include: Large animal diseases: Respiratory, Reproductive and Digestive. The small animal diseases will be: Respiratory and Digestive. Both will cover transmission of the disease, common treatment options and basic tests run to assist in diagnosis. There will also be basic anatomy/physiology questions of the animal as well as normal vital signs and gestation periods. There will be 5 large animal instruments and 5 small animal instruments that will be identified and/or function of the instrument determined. There are images of external and internal parasites of both large and small animals. The student will have to be able to identify them by picture and will need to know lifecycles of the parasite. Breed identification will make up the last portion of the exam. This will include all large animal species as well as small animal and exotic species.

Please see attached reference list.

Students will need to bring a calculator.

Contact person: Tara Smydra

402-844-7187 or taras@northeast.edu

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Reference List

- An Illustrated Guide to Veterinary Medical Terminology. Romich. ISBN: 978-1-4354-2012-0 (Delmar Cengage)
- Veterinary Instruments and Equipment: A Pocket Guide. Sonsthagen. ISBN: 978-0323032032 (Elsevier)
- McCurnin's Clinical Textbook for Veterinary Technicians. McCurnin, Bassert. ISBN: 978-1416057000 (Elsevier)
- Small Animal Surgical Nursing: Skills and Concepts. Busch. ISBN: 9780323030632 (Elsevier)
- Large Animal Clinical Procedures for Veterinary Technicians. Holtgrew-Bohling. ISBN: 978-0-323-07732-3 (Elsevier)
- Manual of Clinical Procedures in Dogs, Cats, Rabbits & Rodents. Crow, Walshaw, Boyle. ISBN: 978-0813813042 (Wiley-Blackwell)
- Small Animal Care and Management. Warren. ISBN: 978-1-4180-4105-2 (Cengage)
- Modern Livestock and Poultry Production. Gillespie. ISBN: 978-1-4283-1808-3 (Cengage)
- Laboratory Procedures for Veterinary Technicians. Sirois. ISBN: 978-0323169301 (Elsevier)

- Diagnostic Imaging for Veterinary Technicians. Sirois/Schlote. ISBN: 978-1-68135-400-2 (Bluedoor Publishing)