



SPRING 2024
TUESDAYS & THURSDAYS, 6-8 P.M., CST

VTNE MASTERCLASS

An Introductory Course Preparing You for the Veterinary Technician National Exam!

INCLUDES:

- AAVSB overview of the VTNE: Tues., Feb. 27, 7 p.m. LIVE, online
- Study tips, how to take a test, learning types: Tues., March 5, 6 p.m. LIVE, online
- Six, two-hours sessions covering nine VTNE domains over three weeks, starting Tues. March 26, 6 p.m. LIVE, online
- FREE giveaways during LIVE, online sessions



**FREE for ISVMA members and students,
\$10 for non-ISVMA members. Sponsored
by the ISVMA.**



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LEARN MORE AT WWW.ISVMA.ORG**

Date

AAVSB VTNE Overview
Tues., February 27

Session

Pre-course

Topic

Learn how the test is created,
administered; how to register

Schedule

All Masterclass weekly course times
6-8 p.m., CST

VTNE Study Review
Tues., March 5

Pre-course

Study tips

Week 1

Tues., March 26

1

Pharmacology

Thurs., March 28

2

Anesthesia/Analgesia

Week 2

Tues., April 2

3

Clinical/Surgical Care

Thurs., April 4

4

Clinical Pathology

Week 3

Tues., April 9

5

Diagnostic Dental Imaging/Dentistry

Thurs., April 11

6

Medical Math

Career Paths/CVT
Panel Discussion
Tues., April 30

Post-course

Exploring career opportunities



Course Descriptions & Objectives



American Association of Veterinary State Boards (AAVSB)
VTNE Discussion/Overview Tues., Feb. 27, 7-9 p.m.



Participants will learn what is necessary to register for the VTNE, and expectations of each registrant once enrolled. A review of the AAVSB Practice Test changes and current statistics will be offered, and how you can transfer your license will also be covered.



VTNE Study Review Tues., March 5, 6-8 p.m.



VTNE study tips, how to take a test, what type of learner are you?



Session 1 - Pharmacology: VTNE Prep Tues., March 26, 6-8 p.m.



Objectives

- Discuss preparation, administration and dispensation features of pharmacological and biological agents.
- Educate clients about drug protocols, administration, safety and side effects of medications.
- Perform basic medical math calculations.
- Define terminology and physiology of types of pain.
- Discuss analgesic techniques in veterinary medicine.
- Store, handle and safely dispose of pharmacological and biological agents.



Session 2 - Anesthesia/Analgesia: VetTechPrep:
Thurs., March 28, 6-8 p.m.



Objectives

- Discuss and identify common drugs used for premedication, induction and maintenance of anesthesia.
- Explain pre-operative considerations including patient assessment, IV catheterization, fluid therapy and airway management.
- Explain the parts and function of anesthesia machines.
- Discuss monitoring parameters and the importance of anesthesia monitoring.
- Evaluate pain in animals.
- Maintain controlled drug inventory and related logbooks.

2024 VTNE Masterclass

Course Objectives



Session 3 - Clinical/Surgical Care: Brian's Bandages Tues., April 2, 6-8 p.m.



Objectives

- Discuss and demonstrate knowledge on preparation and maintenance of the surgical environment.
- Identify, discuss and review surgical equipment and supplies.
- Demonstrate preparation of the surgical site, positioning and sterile techniques.
- How to clean instruments by the appropriate method (i.e., manual, soak or ultrasonic), and sterilize (i.e., steam, gas).
- How to maintain the surgical environment, equipment, instruments and supplies to meet the needs of the team and patient.
- Discuss small animal nutrition and clinical care procedures for all common species.
- Review patient care procedures including, but not limited to, restraint, catheterization, wound management and bandaging.
- How to manage hospitalized patients (i.e., appetite, TPR, nutritional needs, medication, mentation).
- Show knowledge of emergency protocols, planning and procedures.



Session 4 - Clinical Pathology: Amwell Data Services Thurs., April 4, 6-8 p.m.



Objectives

- Describe what is a sample clinical pathology collection, review preparation and handling techniques.
- Recall procedures in cytology, microbiology, parasitology, serology and urinalysis.
- Perform microscopic evaluations for blood smears, fecal tests and urine sedimentation.
- How to maintain laboratory equipment and related supplies to ensure quality of test results and safety of operation.
- How to maintain specimens for in-house or outside laboratory evaluation.



Session 5 - Diagnostic Dental Imaging/Dentistry: NAVTA Tues., April 9, 6-8 p.m.



Objectives

- Knowledge of diagnostic imaging equipment, procedures and positioning.
- Discuss various types of imaging.
- Demonstrate knowledge in dental procedures and treatment.
- Identify charting techniques as it relates to small animal dentistry.
- How to prepare the environment, equipment, instruments and supplies for dental procedures.
- How to perform COHAT (i.e., manual and machine cleaning, polishing).
- How to maintain the environment, equipment, instruments and supplies for COHAT.



Session 6 - Medical Math: VetMedMath Thurs., April 11, 6-8 p.m.



Objectives

- How to understand pharmacological math.
- How to understand conversions.
- How to understand constant rate infusions.
- How to understand fluid therapy math with crystalloids and colloids.
- How to understand dilutions.
- How to understand heart rate calculations.
- How to understand resting energy requirements.



Career Paths/CVT Panel Discussion/Review Tues., April 30, 6-8 p.m.



Credentialed Veterinary Technicians from all areas of the veterinary community will join a panel discussion about their passion with the veterinary profession, how they reached success and share their vulnerability with failure.

2024 VTNE Study Series

Presenters



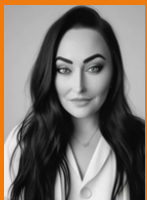
Beth Armstrong, CVT, CVBL, CFE, CCFP, CFT, CTP, FT: Beth works with clinical teams on their personal and professional development, while creating new leaders with collaborative teamwork. Educating has always been one of Beth's passions, where after spending many years teaching at multiple veterinary technology colleges in the Chicagoland area, Armstrong now owns her own business, VTNE Prep, mentoring students through their journey through credentialing. Armstrong serves on the ISVMA Board of Directors as the CVT Representative. She is passionate about mental health awareness within the veterinary profession to which she volunteers actively for the Green Cross. Armstrong is the 2023 recipient of the ISVMA's Dr. Cecile Ingmire CVT Award.



Sam Geiling, RVT: Sam is a credentialed veterinary technician, a Navy veteran and educator. She has taught for more than a decade in many areas of veterinary technology, including her favorite, laboratory techniques. She can build confidence with sample preparation, microscopic review and provide results to a veterinarian, even for those with no prior microscope or laboratory experience. She is passionate about ensuring microscopy skills are preserved in clinical practice.



Brian Goleman, RVT: Brian started as an Emergency Veterinary Technician at a specialty hospital in 2017 and began working in specialty surgery in 2019. He became credentialed as an RVT in 2020. Brian has taught veterinary technicians in the Washington D.C. metro area on how to bandage for four years. He founded Brian's Bandages in 2021 after discovering the lack of quality continuing education resources for bandaging in the veterinary field. He is a co-founder of vetmedology, a veterinary continuing education platform.



Kristin Lake, BSc: In 2023, Kistin's first book was released, entitled *The Veterinary Technician's Guide to Emergency and Critical Care*. She started VetMedMath.com to tutor veterinary professionals in medical math, and founded VetMedRounds which designs veterinary-specific inpatient rounding books for CVTs and DVMs. She also founded and became Chief Advisor for STATMath, a 24/7/365 veterinary medical math consultation service for veterinarians and CVTs worldwide. She is also the co-founder of vetmedology, a new continuing education platform for veterinary specialty medicine. In 2024, she became the Executive Director of the Animal Emergency Fund, a new 501 (c) (3) non-profit organization whose mission is to help financially constrained owners of pets in need of life-saving emergency care have access to funding to assist with treatment.



Julie Legred, CVT: Julie graduated from the University of Minnesota – Waseca in 1985 with an Associates in Applied Science - Animal Health Technology. Within weeks of graduation, she passed both the Minnesota State and Veterinary Technician National Exam earning the credentials of Certified Veterinary Technician (CVT). She has worked in many areas of the veterinary profession including small animal and exotic practices, research, education (instructor and program director), swine medicine and genetics, corporate medicine, leadership, management and consulting. She has held leadership roles over her career as Executive Director of Human Animal Bond Association, Winn Feline Foundation (EveryCat Health Foundation), and National Association of Veterinary Technicians in America (NAVTA). Julie founded Veterinary Technician Advancements and co-founded Veterinary Advancements and Vet Team Global Stream. She is currently the Veterinary Education Program Coordinator for VetTechPrep/VetPrep/Vetcetera.



Steven McLaughlin, DVM, MPH, DACVPM: Dr. McLaughlin is a graduate of the Cornell School of Veterinary Medicine, class of 1991. He was employed in mixed practice on the shores of Lake Ontario in northern New York and in the high Andes of Ecuador as a Peace Corps volunteer, where he worked with campesino farmers and learned how to not ride horses. His lifelong interest in teaching and effective learning models led him from clinical practice and public health to the world of veterinary education. Dr. McLaughlin is co-creator of the VIN NAVLE prep course and founder of the Zuku Review in 2007, an online veterinary test preparation service for the VTNE, NAVLE and BCSE.



Ashli Selke, RVT, CVT: Ashli, a dynamic force in veterinary education and leadership, serves as an Instructional Technologist at Purdue College of Veterinary Medicine. With more than a decade of rich experience and a background as a Navy veteran and military spouse, Ashli brings a unique perspective to her role. A trailblazer in association leadership, she earned recognition as the 2018 Arkansas Veterinary Technician of the Year. Currently making waves in Indiana, Ashli is the President-Elect of the Indiana Veterinary Technician Association, a sitting board member of the Indiana Board of Veterinary Medicine and holds a pivotal role as the Immediate Past President of NAVTA. Her passion for advocacy shines through as she spearheads NAVTA's Government Relations Committee, actively impacting legislation throughout the United States. Ashli is not just a leader, she's a catalyst for meaningful change in the veterinary profession, fervently championing the cause of veterinary technicians/nurses and elevating the entire field of veterinary medicine.



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