

The certificate program in equine rehabilitation is a sequence of postgraduate courses for veterinarians, veterinary technicians, physical therapists and physical therapy assistants or students of these professions, which include case studies and a cumulative examination. Our program is designed to guide the practitioner from the theoretical foundations to the clinical applications of equine rehabilitation.

**Equine I**– Online Series, \$2,000 (one year access)

**Equine II** – Live Hands on Lab Series \$2600 (see schedule for dates & locations)

**Equine III** – Online Final Examination and Case Presentations \$350

**Prerequisites:** Veterinary, veterinary technician, physical therapist or physical therapy assistant. Current students of these disciplines are eligible for Equine I and II.

**PRESENTED BY:**

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**RACE APPROVED**

Training equipment provided by:



**Full Course Description and Outline Available Online**

**Call to Register(800) 2722044**

**www.utvetce.com**



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The University of Tennessee &



## Equine Rehabilitation Certificate Program (CERP)

Equine rehabilitation is here to stay. Similar to human physical therapy, equine rehab has become necessary for providing patients with the best treatment options at all times. Rehab techniques improve surgical outcomes and will eliminate the need for surgery altogether in some cases. Our faculty has been in the vanguard of this growing field since 2004 and will transfer years of knowledge and experience to you so you may remain competitive in your field of practice.



Our mission is to promote the art and science of equine rehabilitation by:

- Educating professionals in the principles and practical application of equine rehabilitation
- Advancing the knowledge, skill and treatment options of the equine rehabilitation practitioner
- Clinical training for manual therapy and modalities in hands on lab sessions
- Anatomical dissection on equine cadavers to emphasize clinically relevant structures

See Inside



## COURSE DESCRIPTIONS

**EQUINE I- ONLINELECTURE SERIES** The course provides an introduction to equine rehabilitation and therapeutic modalities. Regulatory issues involved in this field of practice will be reviewed from the perspective of veterinarians and physical therapists. Basic equine anatomy, gait analysis, conformation, lameness evaluation and neurologic examination will be reviewed. Collaboration between the veterinary and physical therapy professions will be emphasized to enhance the learning experience. Participants will acquire basic knowledge of the conditions of equine tendons and ligaments, equine bones and joints, and the equine nervous system, muscles, skin and hooves that are amenable to physical therapy. Response to injury and healing will be reviewed as well as the selection of appropriate therapeutic modalities.

The participant will be also introduced to the use of selected physical agent modalities used in equine physical rehabilitation. The online series will be complimented by the live, hands-on laboratory session at the University of Tennessee's state-of-the-art equine rehabilitation clinic.

**EQUINE II- LIVE HANDS-ON LAB** Provides hands-on laboratory coursework that will build on the course material from the online lecture modules. This course will provide the participant with the skills necessary to prescribe and provide rehabilitation programs for the equine patient. A full day of anatomical dissection on equine cadavers will be utilized to emphasize clinically relevant structures. The participant will receive hands-on training of selected physical agent modalities used in equine physical rehabilitation.

The following physical agents will be covered: superficial heating and cooling agents (including cold salt water hydrotherapy), manual therapies, electrical therapies (for example: electrical stimulation, therapeutic laser), mechanical therapies (for example: therapeutic ultrasound, shock wave therapy, total body vibration) and therapeutic exercise (including underwater treadmill rehabilitation).

**EQUINE III- ONLINE FINALEXAM/CASE PRESENTATIONS** After successful completion of the Equine I and II coursework, students will be eligible for Equine III, Final Examination and Case Presentations. Examinations will be administered online. Participants must prepare a written report, for submission, of two clinical equine rehabilitation cases that have required rehabilitation prior to taking the examination. Participants will be given the format for the written submission during the live lab session. Current students must successfully complete their degree program before sitting for the final exam.

*Full program description and outline available online at*  
[www.utvetce.com](http://www.utvetce.com)



The blended learning environment (live and online) increases the productivity of the hands on lab sessions, reduces time away from work or home and allows the student freedom to review presentations as needed. Introducing modalities prior to lab sessions allows students to record their questions for faculty to address before turning on machines or lowering a horse into the underwater treadmill. Advanced hands-on anatomy review during dissection and lab is optimized as the basics are reinforced thoroughly during on-line preparation sessions, ensuring each student has the review necessary to keep the flow of the class steady.

### Learn...

- The team approach to equine rehabilitation
- Which conditions are appropriate for physical therapy
- To design and implement a comprehensive rehabilitation program for commonly occurring musculoskeletal, integumentary and neurologic conditions
- How to document the rehabilitation programs using standardized forms

### Understand...

- The regulatory issues surrounding the practice of animal rehabilitation
- Therapeutic modalities and mechanisms of action
  - Cause and medical or surgical therapy for tendons and ligaments
  - Response to injury and healing of tendons and ligaments
  - Correlate the rehabilitation program with the physiologic processes that the patient is undergoing during its rehabilitation.

### Be proficient in...

- Recognizing equine lameness and basic gait analysis
- Equine neurologic examination
  - Understanding reasonable time frames for treatment, when to begin and frequency
  - Methods of referral and communication between the referring veterinarian and the rehabilitation provider