



## **Level II Advanced Applied Equine Podiatry On Line Curriculum**

*Introduction to Advanced Applied Equine Podiatry with required Reading.*

*Time allotted, 45 days.*

### **1. Advanced Functional Anatomy of the Equine Distal Limb**

*Time allotted 30 days.*

### **2. Equine Biomechanics and Neurology of Locomotion**

- a. Foot Biomechanics/Neurology
  - i. Front
  - ii. Hind
- b. Proximal Limb Biomechanics/Neurology
  - i. Front
  - ii. Hind

*Time allotted, 30 days.*

### **3. Evaluating Lameness**

*Time allotted, 30 days*

### **Mid Term Exam**

*Time allotted 14 days.*

### **4. Lameness Treatments Part I**

- a. Developing a treatment protocol
- b. Alternative Treatment
- c. Imaging Techniques
  - i. Reading radiographs

- ii. Understanding the MRI
- iii. Understanding the Ultrasound
- iv. Understanding Nuclear Scintigraphy

*Time allotted, 30 days.*

**5. Lameness Treatments Part II**

- a. Effective proactive use of adaptive devices
- b. Effective Shoeless Techniques for the treatment of
  - i. Laminitis and Chronic Founder
  - ii. Navicular Disease
  - iii. Caudal Heel Pain
  - iv. Acute Foot Lameness
  - v. Hoof Wall Crack and Lesions
  - vi. Angular Limb Deformities
  - vii. Infections of the Hoof

*Time allotted 60 days.*

**6. Gait Analysis and Treatments (With an eye towards performance)**

- a. Dimensional Effects
- b. Weight Effects
- c. Effective Shoeless Techniques to Prevent Interferences
- d. Effective Shoeless Techniques in the treatment of angular limb deformities

*Time allotted,30 days.*

**Final Exam**

*Time allotted, 14 days.*