



PROFESSIONAL COURSE

-ADVANCED CONCEPTS FOR THE TRIMMER

Course code: **ES-PCACFTT18** Levels I, II, III

Some of the content of this course:

- *advanced concepts in barefoot hoof care, trimmer methodologies and baseline knowledge of the science/reasoning behind shod vs barefoot and when/where applicable*
- *latest findings in feral research and how the barefoot paradigm (model) has shifted in understanding and application to the domesticated horse*
- *in depth studies of 8 common hoof distortions in the field and how to corrective trim to regain optimal hoof biomechanics per each type distortion*
- *key biomechanical hoof care support and emergency best practices for acute laminitis versus chronic laminitis including latest research understanding a myriad of causative effects, and recognition for early detection, prevention, and/or arresting active bouts and becoming an effective communicator and team player working alongside your veterinarian.*
- *in depth anatomy review in a useful way that defines how each part plays an important function and how, what happens when pathology sets in, exploring the role of each soft and hard tissue component and how we work within a range to load/unload areas of the foot to reduce inflammatory destruction during the healing process or support weak structures to reduce or arrest pathology/permanent damage.*
- *conformational challenges- how to best support valgus/varus/ spiral/toed in/toed out, windswept hooves, damaged vasculature, club feet, upright quarters, scar damage, tendon damage by addressing the limb and contra limbs in relation to total body conformation working together to maintain/control distortions.*
- *an introduction to bio-physics to understand the terms gravity, force, mass, weight, acceleration, moment arms, vectors, directly applied to the distal limb, taught in an easy to comprehend manner to better understand how the distal limb responds to our trimming changes when loaded and unloaded.*
- *how diet affects hoof growth and quality, ways to encourage clients to self educate with baseline knowledge pointers*
- *review of podiatry radiographs to assist in optimized trimming support*
- *donkey trimming; fundamental anatomical differences and trimming concepts*
- *a review of findings of some of the top world specialists in hoof care and biomechanical mechanisms*
- *a science-based, fact based approach to develop critical thinking in today's world of internet reading; authored publications vs peered reviewed studies, hypothesis vs theories vs peer reviewed, trends, facts vs fiction, myth vs reality. Giving the student empowerment with strong fundamental baseline knowledge and tools to recognize and vet material for their value, reliability and repeatability*