

## CIRRICULUM

### Specialist Guest Lecturers

Dr Tanya Hughes ( B.V.S.C Pret ) – Equine Anatomy , Pathology , Physiology  
Carin Taylor ( B.Compt & Articles ) - Equine Business Management  
Elaine Lindsay ( Msc Agric – equine nutrition ) - Equine Nutrition

### First Semester

Veterinary – Basic 1<sup>st</sup> aid , diseases , ailments , injuries and administration of medicines  
Physiology and Anatomy – skeletal and muscular structure , biomechanics , dental and ageing , digestive and nervous system .

Conformation – basic conformation and effects on soundness .

Nutrition – basic principals .

Breeding – basic stud management and neo-natal foal care .

Photo light therapy – how it works and when to use it .

Faradic Therapy – Principals and history .

### Second Semester

Veterinary – diseases ailments and injuries that are treated and cured using Faradic and Photo light therapy . FEI prohibited substances .

Physiology and Anatomy – performance related muscular-skeletal anatomy and biomechanics .

Conformation – Advanced static and dynamic conformation and the relationship between conformation and unsoundness in the equine athlete .

Nutrition – The effects of nutrition on performance , growth and muscle function .

Breeding – Genetics , reproduction , stallion care and the use of Faradic therapy in breeding operations .

Business Management – Cash flow management , debtors and creditors , ethics and how to successfully start and manage your own business .

Students will be examined on these subjects at the end of this semester .

### Third Semester

The final semester is focused on relevant projects and will practice advanced Faradic therapy .

Students will prepare and submit case studies on patients that they treat and formulate a practical business plan for themselves that shows an understanding of set up costs , running costs , cash flow management and accounts management .

These projects combined with the second semester results and the student's practical Faradic therapy ability , determine the candidate's suitability to receive a certificate of competence and completion