



## 5 DAY INTENSIVE LEATHER TECHNOLOGY COURSE

### AGENDA

#### Rawstock to Tanned

- Day One**
- Introduction to the course
  - The structure and composition of hide and leather
  - Curing, short term preservation and soaking
  - Prevention of putrefaction and use of biocides
  - Theory of liming and process control of liming
- Day Two**
- Theory of deliming
  - Environmentally friendly liming and deliming
  - Bating and the use of enzymes
  - Health & Safety in the beamhouse
  - Pickling and preparation for tanning
  - Function and theory of tanning

#### Post Tanning and Dyeing

- Day Three**
- Machinery processes
  - Neutralisation
  - Retanning
  - Theoretical aspects of dyeing
  - Practical aspects of dyeing
  - Introduction to fatliquoring
  - Fatliquoring - the practice and theory
  - Drying - how and why to do it (and what to avoid)
  - An overview of post tanning processes
  - Colour theory and colour matching
  - Colour measurement

#### Finishing and Specifications

- Day Four**
- Colouring materials
  - Testing and assessment of pigments
  - Binders
  - Cast films of resin emulsion
  - Particle size analysis of pigments and resins
  - Auxiliaries and additives
- Day Five**
- Topcoats; solvent based and water based
  - Formulating leather finishes
  - Rheology and film formation
  - Stages of leather finishing
  - Leather finishing (Practical)
  - Application methods and machinery
  - Test methods
  - Testing of finishes
  - Specifications for particular end-uses