

**MANUFACTURING AND PRODUCTION**

Leather Processing and Tannery Operations

5 day course

Classroom, online or in-house

Course overview

A hide records everything that happened to the animal and to the skin afterwards, and no tannery process removes a defect that was made in the abattoir or during curing. This course starts there. Delegates work through hide and skin selection, curing methods and the storage that prevents putrefaction and salt damage. Beamhouse operations follow: soaking, liming, unhairing, fleshing and deliming, with the effect each has on the final grain. Tanning is covered across chrome and vegetable routes, including basification, penetration and the control that prevents an under tanned core. Post tanning is addressed through retanning, dyeing and fatliquoring, which together determine handle and colour. Finishing follows, covering base coats, pigments and embossing. Leather testing and grading are covered. Effluent, chrome recovery and solid waste are addressed directly, since tannery pollution is heavily regulated. The course closes on yield, on defect analysis and on occupational exposure in a tannery.

What you will learn

- Select, cure and store hides to prevent putrefaction and salt damage
- Run beamhouse operations and understand their effect on grain
- Control chrome and vegetable tanning through to full penetration
- Apply retanning, dyeing and fatliquoring to achieve handle and colour
- Finish leather with base coats, pigments and embossing
- Test and grade leather against specification
- Manage effluent, chrome recovery, solid waste and occupational exposure

Who should attend

- Tannery supervisors and process operators
- Leather technologists and quality staff
- Production managers in leather processing
- Environmental officers at tanneries
- Technical staff in leather goods supply chains

Course outline

- 01 Defects made before the tannery
- 02 Hide selection, curing and storage
- 03 Soaking, liming and unhairing
- 04 Fleshing, deliming and grain quality
- 05 Chrome and vegetable tanning
- 06 Retanning, dyeing and fatliquoring
- 07 Finishing, testing and grading
- 08 Effluent, chrome recovery, waste and exposure control

Upcoming dates



Dates	Venue	Format	Fee per delegate
28 September to 2 October 2026	Casablanca, Morocco	Classroom	USD 1,325
25 to 29 January 2027	Online	Online	R8,500
15 to 19 February 2027	Cape Town, South Africa	Classroom	R19,950
15 to 19 March 2027	Pretoria, South Africa	Classroom	R19,950

Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

AfriScience Group | +27 61 536 6531 | info@afriScience.co.za | Pretoria, Gauteng, South Africa