



MANUFACTURING AND PRODUCTION

Textile Printing and Finishing

3 day course

Classroom, online or in-house

Course overview

Finishing decides what a fabric feels like and how it behaves in use, which means it decides whether a customer accepts the order, and it is applied last when there is no time left to correct a mistake. This course covers getting it right at that point. Delegates work through printing methods, rotary screen, flat screen and digital, with the paste or ink chemistry each requires. Print faults and registration problems are traced to cause. Fixation, washing off and the effluent load printing creates are addressed. Mechanical finishing follows: calendering, raising, sanforising and compacting, and the dimensional stability each contributes. Chemical finishing is covered across softeners, resin finishes, water repellency and flame retardancy, with the durability and the trade offs each carries. Stenter operation, overfeed and residual shrinkage control are addressed. Handle assessment and customer expectation are covered. The course closes on finishing route selection for a specification and on faults that only appear after washing.

What you will learn

- Select rotary, flat screen or digital printing and the chemistry each needs
- Diagnose print faults and registration problems
- Fix, wash off and manage the effluent printing creates
- Apply calendering, raising, sanforising and compacting
- Apply softeners, resin, water repellent and flame retardant finishes
- Operate a stenter with correct overfeed and shrinkage control
- Choose a finishing route for a specification and anticipate after wash faults

Who should attend

- Printing and finishing supervisors
- Textile chemists in wet processing
- Quality assurance staff approving finished fabric
- Production managers at finishing plants
- Technical sales staff supplying finishing chemicals

Course outline

- 01 Applied last, with no time to correct
- 02 Rotary, flat screen and digital printing
- 03 Print paste chemistry and faults
- 04 Fixation, washing off and effluent load
- 05 Calendering, raising, sanforising and compacting
- 06 Softeners, resins and functional finishes
- 07 Stenter operation and shrinkage control
- 08 Handle assessment, route selection and after wash faults

Upcoming dates



Dates	Venue	Format	Fee per delegate
19 to 21 October 2026	Windhoek, Namibia	Classroom	R14,950
16 to 18 November 2026	Online	Online	R6,500
28 to 30 December 2026	Nairobi, Kenya	Classroom	USD 995
18 to 20 January 2027	Pretoria, South Africa	Classroom	R14,950

Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** 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