



MANUFACTURING AND PRODUCTION

Garment Cutting Room Operations and Fabric Utilisation

3 day course

Classroom, online or in-house

Course overview

Fabric is the largest cost in a garment and the cutting room is the only place it can still be saved, yet it is often run as a preparation step rather than as the profit centre it is. This course treats it as the latter. Delegates work through fabric inspection and the four point system, since cutting around a fault costs more than rejecting the roll. Shrinkage testing and relaxation before spreading are covered. Marker making is addressed in detail, including marker efficiency, grain lines, one way and two way layouts and the utilisation percentage that decides margin. Spreading methods and ply height follow, with the faults each introduces. Cutting equipment is covered across straight knife, band knife and automated cutters. Bundling, ticketing and traceability are addressed. Fusing and its control follow. Cut part quality and audit are covered. The course closes on measuring utilisation honestly and on the losses hidden in end bits and remnants.

What you will learn

- Inspect fabric using a point system and decide on faulty rolls
- Test shrinkage and relax fabric before spreading
- Make markers that maximise utilisation while respecting grain
- Spread correctly for the fabric and ply height
- Cut using straight knife, band knife or automated equipment
- Bundle, ticket and maintain traceability into the sewing line
- Control fusing, audit cut parts and measure utilisation honestly

Who should attend

- Cutting room supervisors and managers
- Marker makers and pattern room staff
- Garment production planners
- Quality staff auditing cut parts
- Industrial engineers in apparel factories

Course outline

- 01 The last place fabric can be saved
- 02 Fabric inspection and point systems
- 03 Shrinkage testing and relaxation
- 04 Marker making and efficiency
- 05 Grain, one way and two way layouts
- 06 Spreading methods and ply height
- 07 Straight knife, band knife and automated cutting
- 08 Bundling, fusing, audit and true utilisation

Upcoming dates



Dates	Venue	Format	Fee per delegate
18 to 20 November 2026	Nairobi, Kenya	Classroom	USD 995
4 to 6 January 2027	Online	Online	R6,500
8 to 10 February 2027	Windhoek, Namibia	Classroom	R14,950
17 to 19 February 2027	Mbabane, Eswatini	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**.

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