

Scanning Fabric & Pattern Pieces

A 4-step workflow for automated material efficiency and sustainability tracking.



PRO TIP FOR HIGHEST ACCURACY

Good lighting and a flat layout are key: Avoid shadows, fabric folds, or overlapping edges for accurate waste and CO₂ metrics.

01**Capture****02****Analyze****03****Review****04****Submit**

STEP 01

Capture Your Fabric

- Lay your fabric out **flat** with pattern pieces placed on top exactly as planned for cutting.
- Take or upload a photo ensuring the entire layout is **well lit & visible**.
- Tap [**Next**] to continue.



STEP 02

Garment Analysis

- FabricWise identifies each individual pattern piece in your photo automatically.
- Analyzes how pieces are arranged to compute surface coverage.
- If detection is unclear, you may be prompted to adjust layout or retake photo.



STEP 03

Review Your Results

- See your exact **Fabric Waste %** and estimated **CO₂ Saved**.
- Explore smart layout suggestions to optimize material use further.
- Discover design ideas created from your remaining offcut pieces.



STEP 04

Save & Submit

- Confirm your scan — metrics auto-log directly to the class tracker.
- No extra paperwork or manual entry required.
- Bring questions and eco-insights to your instructor for class discussion.

Student Pre-Cut Checklist

fabricwise.tech

CHECK ITEM	REQUIREMENT	GOAL
FLATNESS	Fabric completely smoothed out with zero folds or curls	Prevents distorted pattern size reading
LIGHTING	Even lighting across entire workspace surface	Eliminates false edge detection from shadows
FRAME	All pattern piece boundaries visible in camera frame	Ensures accurate 100% material analysis