L-Corner Shelf Cut & Mount Sheet

Build sleek, wrap-around floating storage that transforms wasted wall space.

Skip the bulky triangle and measure, cut, and mount perfectly flush L-shaped shelves. This guide takes the guesswork out of your lumber run for a professional custom feature.



Essential Measurements

1.5 in
Max distance to probe corner stud

9.25 in
Overlap subtraction for short board cut

16 in
Spacing for pre-drilled countersunk cleat holes

2.5 in
Structural screw length for center stud

3/4 in
Distance from wall for trim screws

Audition it in paper

Tape a full-size kraft-paper triangle template flat onto the lower corner. It instantly reveals exactly how much floor footprint and visual scale you save with an L-shape.

Shelf Arm Cut Guide

Find your row: **Desired L-Shelf Span**

Desired L-Shelf Span	Your pick	Why
24-inch L	24 in & 14.75 in cuts	Long arm runs through
36-inch L	36 in & 26.75 in cuts	Holds handmade ceramics
48-inch L	48 in & 38.75 in cuts	Supports heavy books or planters
60-inch L	60 in & 50.75 in cuts	Maximum continuous linear storage

Scribe & Mount Sequence

1. **Scribe the back edge** Trace the wall contour onto wood with a compass tool, then sand to the pencil line.
2. **Cleat on both walls** Hold the long 1x2 pine cleat loosely, tap it perfectly level, then drive remaining screws.
3. **Add the short cleat** Butt the short wall cleat against the long one, level it carefully, and secure firmly.
4. **Glue and sleeve** Apply wood glue along the butt joint, then slide the hollow shelf box over the cleats.

Check corner framing

- [ ] Strike a continuous horizontal reference line across both walls using a laser.
- [ ] Place a framing square deep in the corner to verify 90-degree squareness.
- [ ] Check fastener packaging for the exact load rating of your structural screws.

Project Notes

Style with cascading greenery and handmade ceramics to beautifully balance those rigid geometric lines!