BCT 121 Wall Framing

CLASS OVERVIEW
Wall Framing

• Covers basic residential wood wall framing methods and principles used in current residential construction. Content will include wall lay-out and assembly of studs, corners, partitions and openings. Includes material quantity take offs, estimating and related codes. Structural sheathing, interior wall bracing, bay framing, window box, framing arched openings and stair construction will also be covered. Prerequisite: BCT 106 or instructor permission.
Install Plates
Inside corner channel

Wall Layout

Lay-out markings one plate edge

Need a better cut!
Wall Framing
Tilt up & assemble wall sections
Bay Window Seat
Stair stringer lay out with framing square

- Calculated rise
- Tread
- Framing square
- Run
- Rise
- Horizontal sub-floor
- 2 x 12 stringer
- Shorten for tread thickness
- Landing rise
- Vertical landing wall
STAIRS/LANDING FRAMING

2 x 6 T&G decking

2 x 6 floor joists

Landing

2 x 6 T&G decking treads

2 x ledger

pressure block between

11 1/4" timberstrand stringers (3)

Shorten for tread

PT Base if necessary

measure & divide by 7 = # of rises. Round & divide into height. = unit rise. Landing is the top rise. Tread will be 10"
Rake Wall

Needs fire blocking
Fire blocking

Let in brace