

# Roofing Construction and Estimating

## Chapter 1 – Measuring and Calculating Roofs

- A rafter that extends perpendicularly from the top of an outside wall to the ridge board is called a common rafter (pg. 13)

## Chapter 3 – Underlayment on Sloping Roofs

- Underlayment serves several purposes: (pg. 35)
  - It protects roof sheathing before the roof covering is applied
  - It acts as a added weather protection
  - It separates asphalt shingles from areas where surface resins in wood sheathing may damage the shingle
  - It provides additional insulation
  - It cushions heavy roofing units such as tile or slate
- You must use underlayment with all shingle roofs (pg. 37)

## Chapter 4 – Asphalt Shingles

- To qualify for UL classification, a shingle must not (pg. 75)
  - disintegrate and fall off the roof as glowing brands
  - break, slide, warp, or crack, exposing the deck
  - allow the roof deck to fall away as glowing particles
  - allow continued flaming beneath the roof deck