

Aspect Ratios



Coastal Photo Club

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Aspect Ratio

- ❖ Means of describing the relationship between the width and height of an image

Aspect Ratio

- ❖ Some Industries always show the difference in relation to 1
- ❖ For example 1:1 1.25:1 1.5:1

Aspect Ratio

- ❖ **1:1** is square so 2x2, 5x5, 10x10
- ❖ **1:1.25** is the same as 2x2.5, 4x5, 8x10
- ❖ **1:1.5** is the same as 2x3, 4x6, 8x12

Aspect Ratio

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- ❖ 1:1.25 Is the same as 2x2.5, **4:5** 8x10
- ❖ 1:1.5 Is the same as **2:3** 4x6, 8x12

In Photography we always use whole numbers to express an aspect ratio

3:2 Aspect Ratio

- ❖ All 35mm film cameras and DSLR cameras with a 35mm sensor have a 3:2 aspect ratio.
- ❖ Both Full Frame DSLR cameras and Cropped Body DSLR camera have a 3:2 aspect ratio
- ❖ This means it is $1 \frac{1}{2}$ times longer on one side.

Composing Your Shot

- ❖ Knowing your final output ratio can be important when framing/composing your shot
- ❖ When you change the aspect ratio a portion of the photo is lost
- ❖ If 3:2 ratio comes off the camera and you want an 8x10 (4:5 ratio) you lose a portion off the long edge

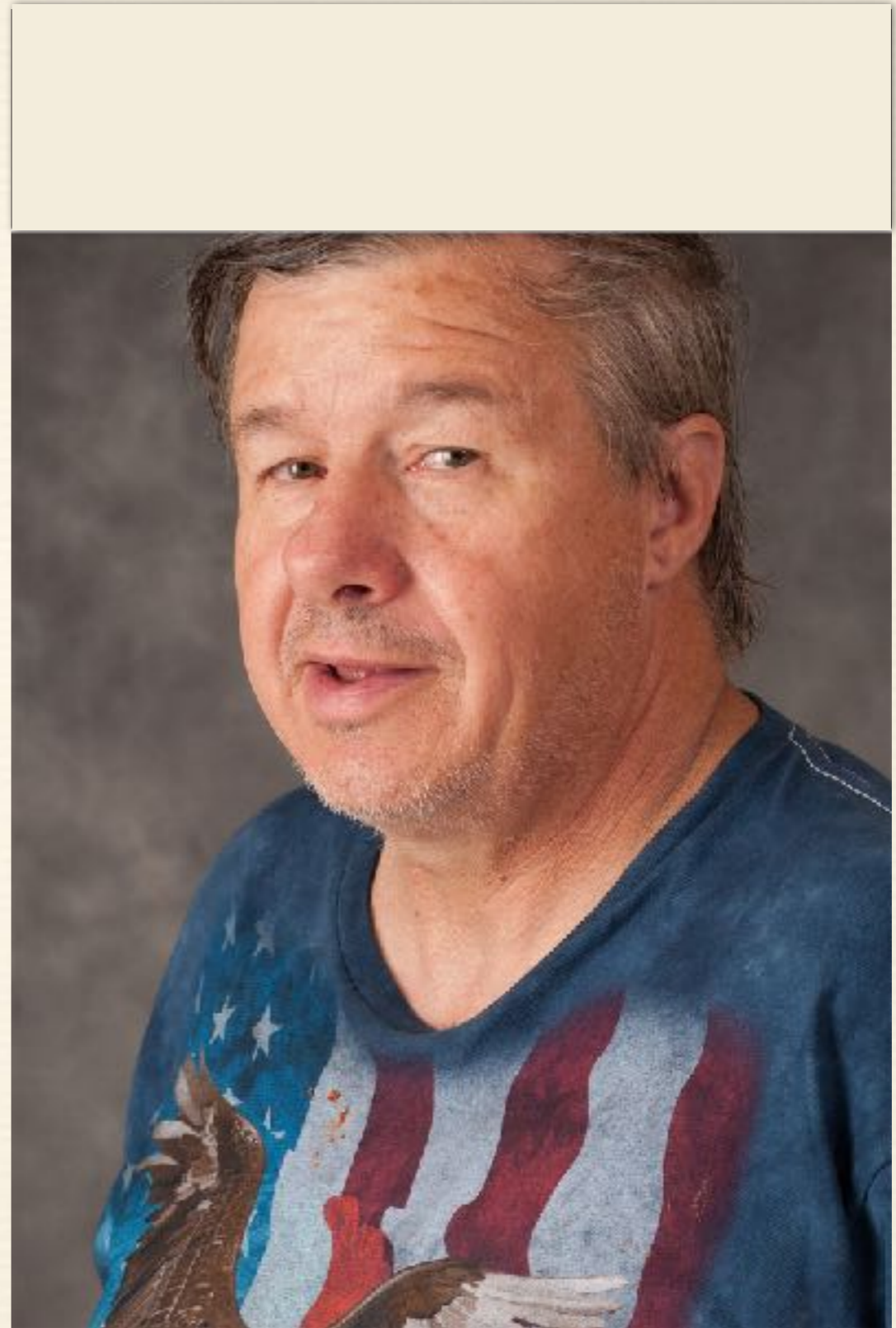
3:2



3:2



4:5



Common Ratios in Photography

- ❖ 1:1 Square
- ❖ 3:1 Commonly use for Landscapes
- ❖ 3:2 Standard 35mm format (4x6 prints)
- ❖ 4:5 Portraits (8x10, 16x20 prints)
- ❖ 5:7 Portraits & Wallets
- ❖ In photography the ratio is shown as width:height