



**THE GOAL** To Take A Picture Of The Moon Showing Crater Detail using the Panasonic Lumix FZ200



**How To Do It** Set the camera to A (Aperture Priority mode) by turning the top mode dial, use the back control wheel to dial in an aperture of f4 .

ISO should be set to the minimum the camera supports – ISO 100. Image stabiliser should be on.

Set the focus to AF on the side of the camera, set AF Style to AFS and AF Area to SINGLE and leave the default size and position. Set Metering mode to SPOT. Set Photostyle to Standard and increase contrast to +2 (you should be using sharpness +1 and noise reduction -2 as my basic camera default setting).

Zoom to x24 optical and aim the focus area at the Moon, The spot exposure metering will adjust the exposure to give you a clear image with plenty of surface detail without just being a big white orb. **Notes:** The exposure time will be in the order of 1/500 second or faster so you should get very sharp, hand held images. Vary the position of the metering point to get the correct exposure. A dditional Digital Zoom can be applied but no more than x1.5 to prevent loss of image quality