

Set Design For Film - The Foundations

Tool List

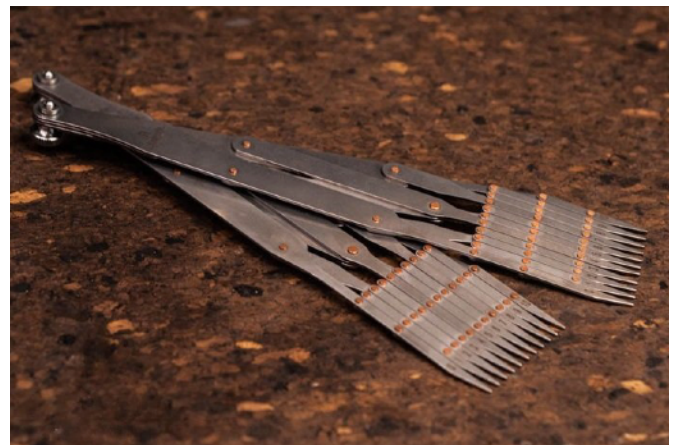
- Scales - a standard 12" triangular architect's scale with 3/32", 1/8", 3/16", 1/4", 3/8", 1/2", 3/4", 1", 1 1/2" and 3" = 1' scales, or, a flat 12" architect's scale with 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/2" and 3" = 1'. Good quality scales are made by Staedler, Pacific Arc and Alvin. Metric versions are also very useful to have. When you get a metric scale, be sure it is in increments of 1:20, 1:25, 1:50, 1:75, 1:100, and 1:125. Prices - \$15 to \$8.

- A 6" digital caliper - These are available in either steel or plastic. The plastic ones have the advantage of the jaws not marring the surface of images in books or photographs but the steel are longer lasting generally. Be sure to get a set with a locking screw. Don't buy an expensive set, these are for scaling photos and images, not tool work. Prices - There are some really cheap ones available but plan on spending \$18 to \$50. Look for one similar to this: <https://www.amazon.com/dp/B08M4HPMS4/ref>



TYPICAL CALIPERS WITH LOCKING SCREW

- 11 Point Dividers - (optional) Also called Even Space Dividers. These are not a must-have for this course but once you use a pair you'll never be able to do without them. They come in 6" and 12" lengths. The really well made sets run from \$180 to \$350 dollars but you can find used sets on Ebay often for around \$30. There is a recent set that I found that is



COLLAPSABLE BUTTON HOLE GAUGE WITH LOCKING KNOB

made for leather work. A company called Likolly sells them as Collapsible Buttonhole Gauges for \$40. Plus they have a locking knob which doesn't exist on typical 11 point dividers. You can get them here: <https://www.likolly.com/products/collapsible-buttonhole-gauge>. Allow about two weeks for delivery.

- Tape Measures - You will end up using a number of different lengths and types of tape measures. Start out with a 30' tape. Anything shorter just won't be long enough for most location survey jobs and the wider and thicker blade of the tape will make it easier to measure ceiling and wall heights as well as horizontal lengths without collapsing when you extend it past 10'.

A combination Imperial / Metric tape is also very handy to have when you are doing quick conversions or measuring when you are drawing in metric which will happen occasionally.

Additional Items

- A 1 1/2" or 2" 3-ring binder for handouts
- One roll of 8 lb. tracing paper, either 12" or 14" wide, in yellow or white. example- <https://www.amazon.com/Bienfang-20-Yard-12-Inch-Sketching-Tracing/dp/B001KZH21E>
- X-Acto knife or similar craft knife and extra #11 blades. example - <https://www.amazon.com/X-Acto-XZ3601-X-ACTO-Knife-Safety/dp/B005KRSWM6/>
- 3/16" Foamcore boards. 10 sheets 16" x 20" example -<https://www.dickblick.com/items/elmers-foamboard-pack-20-x-30-x-316-white-pkg-of-10/>
- T-pins - assorted sizes. example - <https://www.amazon.com/Mr-Assorted-T-Pins-Blocking-Knitting/dp/B08FGMPFVK/>
- a metal straight edge. I like the #1593 centering ruler by Alumicolor - <http://www.alumicolor.com/product/stredges-nslip.htm>
- Glue sticks or double tack mounting film - <https://www.dickblick.com/products/grafix-double-tack-mounting-film/>
- Aleenes Tacky Glue or similar.

Optional

- 12" x 18" cutting mat. example - <https://www.amazon.com/Healing-Cutting-Precision-Scrapbooking-Project/dp/B088M48Z3G/>
- Hand held magnifying glass or loupe. examples - <https://www.amazon.com/MJIYA-Magnifying-Non-Scratch-Shatterproof-75mm-Grreen/dp/B088ZSFS17> or <https://www.amazon.com/Carson-LumiLoupe-Magnifier-Focusing-System/dp/B00PDPFZT8/>