

## Modeling with the Masters Tool List Coast Rails 2014 PCR Convention San Luis Obispo

### Clinic: Scratch Building a Cattle Ramp

Lead Instructor – Clark Kooning, MMR, assisted by Tim Warris

This is a suggested list of tools that may be required to participate fully in the hands-on portion of our program. In order to allow you to fully take part in the building of models, you are strongly suggested to have all tools listed. *You however, may not use them in the program, but will have them for future building.* Most of the tools listed can be found at your local hobby shop, hardware store or craft store. Bring any tools you usually like to use, but you may not use all tools listed. If you have any problems with the description of items listed, please contact Clark Kooning, MMR, via e-mail at [ckooning@msn.com](mailto:ckooning@msn.com), call at (416) 899-9041 or see address in *NMRA Magazine* masthead.

#### Required Tools Participants Must Provide:

A piece of clear glass 12" x 12", should be 3mm thick  
Cutting mat (should be of reasonable size, about 12"x18")  
X-acto knife with #11 blades or scalpel  
Steel Scale ruler in your scale  
Small machinist square  
000 Sable paint brush

**This is a must item!**

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Bristles must be sable, not nylon

#### Optional Tools:

##### Any other tools you usually use...

Optivisor  
Extra work lights (can be a big advantage depending on room lighting)  
Extension cord and plug strip to plug everything in!

These are handy tools which you could use in our clinics, but it is not essential you buy them just for this week. Your option!  
A good way to carry all of these tools is to buy a small, inexpensive plastic tackle box. These are usually available at department stores and home improvement centers year round.

Please note an updated tool list may be sent to you prior to the program date.

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