



Screen Printing Technical Foundation
10015 Main Street
Fairfax, Virginia, 22031-3489 USA
Phone: 703.385.1417
Fax: 703.273.0456
Email: sptf@sgia.org

“Screen Making: Basic to Professional” Workshop Program

Day One

Lecture: Mesh Fabrics & Tensioning Systems

Stretching Demonstrations & Hands-On

- Pneumatic Fixed Clamp Stretch and Glue Systems
- Pneumatic Floating Clamp Stretch and Glue System
- Retensionable Systems / Manual and Pneumatic

Day Two

Screen Stretching Hands-On (Con't)

Mesh Preparation

- Degreasing
- Abrading
- Mesh Preparation Hands-On
- All three screens for each student degreased and or abraded in preparation for stencil application on day three.

Day Three

Lecture: Stencil Systems

- Capillary
- Direct Emulsion
- Indirect Film

Stencil Application Demonstrations & Hands-On

- Sensitizing Direct Emulsion
- Manual Coating Direct Emulsion
- Applying Capillary Film
- Automatic Coating Demonstration and Screen Coating

Lecture: Exposure & Development

Day Four

Exposure

- Demonstration
- Stencil Examination
- Hands-On Exposure
- Indirect Film Demonstration

Measurement Tools Demonstration SPTF

- Stencil Thickness
- Stencil Profile (Rz)
- Off Contact
- Test Screen

Tape Up/Blockout

- Demonstration
- Hands-On

Printing

- Plastisol
- Solvent
- UV

Day Five

Print Examination

Print Evaluation

Lecture: Safety, the Environment & You

Reclaiming Demonstration

Please note that due to the differences in class size and level of understanding we may not adhere strictly to this schedule. We will cover all of the material for each class.