



Canadian Embroiderers' Guild London
50TH ANNIVERSARY WORKSHOPS

Rytha Kesselring

Wednesday, June 15 - Friday, June 17, 2022

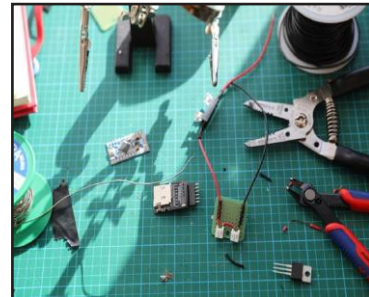
VIRTUAL FORMAT

An Introduction to Electronics for Dynamic Textiles (3 days)

Workshop participants will design and create a small project that incorporates light, movement, sensors or switches. The workshop will address technical, aesthetic and artistic issues. Basic electronics will be introduced, including the design of simple circuits using a Flora platform (microcontroller) and an introduction to Arduino programming. Soft textile and hard electronic components will be discussed. Websites for sourcing materials and additional information will be introduced. **These classes will take place in a VAC studio with Rytha teaching virtually to provide an “in studio” learning experience.**

Previous knowledge of sewing or electronics is not required. This workshop is suitable for all levels. A laptop is required for this workshop.

Class size 10



Rytha Kesselring is a Montreal-based artist. Rytha works at the intersection of textile arts and technology, creating handwoven fabrics with embedded electronic components. Cloth surfaces are transformed through dynamic LED displays and wireless capabilities to create interactive garments and wall panels. Her work is shown internationally through galleries, museums and techno-fashion events.

Website: rytha-kesselring.com

MEMBERS FEE	\$225
NON-MEMBERS FEE	\$300
KIT FEE	\$ 80

Cancellation Policy/Refund Policy

For cancellation or refund information, please refer to our website's Home Page to access the **General Information** document.

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SUPPLY LIST

Kit Fee - \$80

Essential Tools and Materials

- A laptop is mandatory for this workshop. Prior to the workshop, Arduino software must be installed.** (You will be contacted by the instructor and given this information.)
An iPad, tablet or phone cannot be used.
- Notepad, pen/pencil for note-taking
- If you have them - wire cutters, wire stripper, multimeter, needle nose pliers or other jewelry tools, old scissors. Instructor will have some for class use.
- Fabric or wearable art (clothing) to work on
- Embroidery hoop or any other tools for experimentation if desired

Miscellaneous

- Coffee mug
- Face mask