



FABRICADEMY
textile and technology academy

textile and technology academy | 4th Edition

— *À La Carte* —

**JOIN #FABRICADEMY2020
JOURNEY TODAY**

apply.textile-academy.org | info@textile-academy.org

#FABRICADEMY2020 À LA CARTE

Are you interested in learning advanced skills offered by Fabricademy, Textile and Technology Academy, but you don't have the time to attend the full course?

Fabricademy à la carte packages provide participants with a hybrid experience of online lectures and tutorials combined with intense “live” hands-on learning around specific topics.

#FABRICADEMY2020 À LA CARTE

Choose any of our three packages or create your own combination of weekly modules to enrich your personal journey and learn with us attending the program at one of our Nodes or from your own home laboratory!

THE PACKAGES:

- INDUSTRY 4.0
- SUSTAINABILITY
- WEARABLE TECHNOLOGY

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4 CLASSES INDUSTRY 4.0


OS CIRCULAR FASHION | 06-10-2020

COMPUTATIONAL COUTURE | 03-11-2020

OPEN SOURCE HARDWARE | 10-11-2020

TEXTILE SCAFFOLD | 17-11-2020

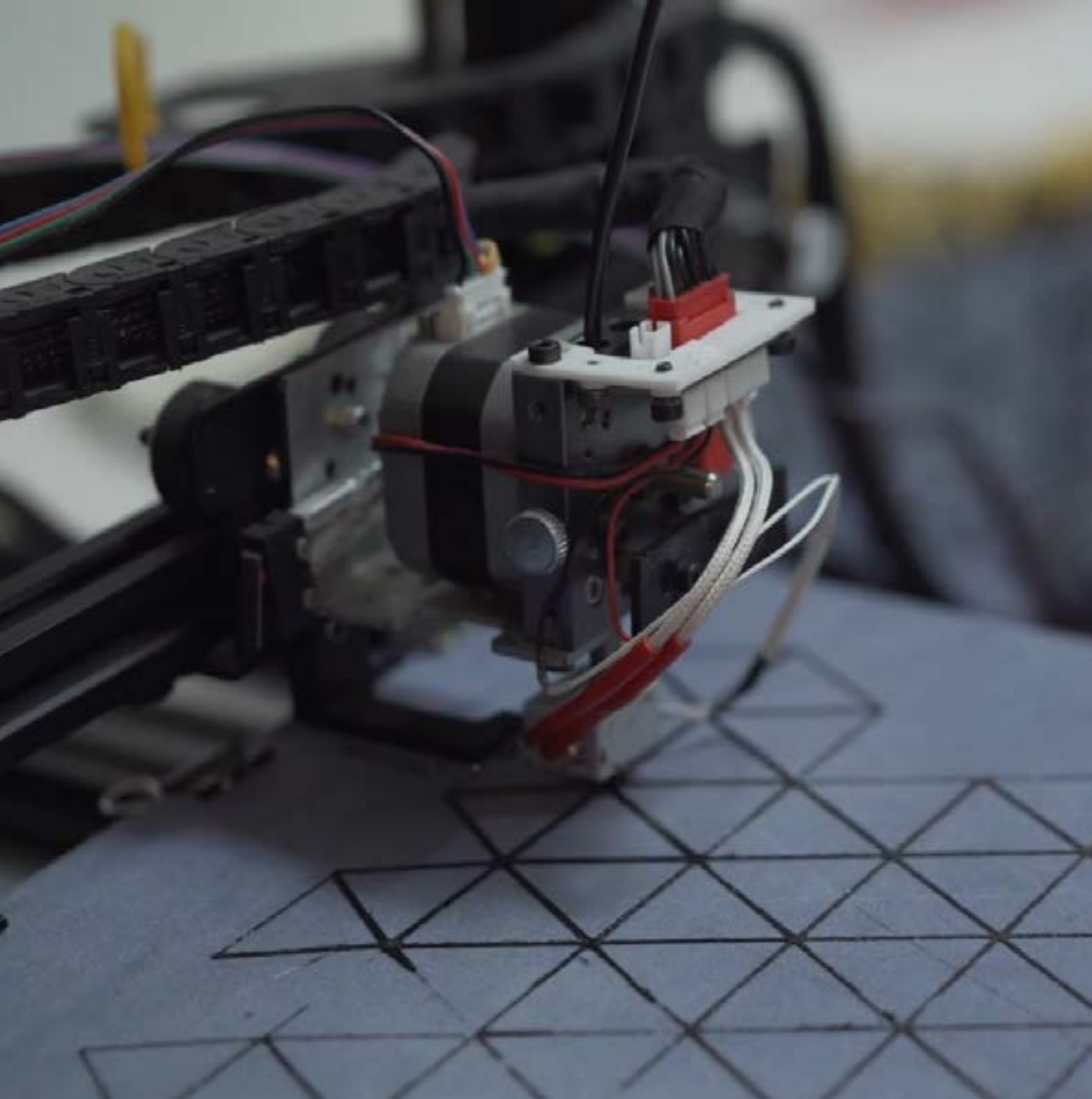
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#FABRICADEMY2020 À LA CARTE — INDUSTRY 4.0

The Industry 4.0 package is designed for participants interested in exploring new technologies such as (additive manufacturing) 3D printing, parametric design and 3D modeling, as well as subtractive manufacturing, such as CNC milling and laser cutting.

Through a combination of 4 different modules, participants learn how to create digital files for apparel, fashion and accessories that are enabling mass customization and reshape the factories of the Future.



Amaya De Yavorsky - Fabricademy 2019





Pauline Gamore - Fabricademy 2019



Skills you will learn:

- 2D Design, 3D computational design
- CAD / CAM
- Lasercutting, 3D Printing, CNC milling
- Hacking / modifying tools and machines
- Molding & Casting, Composites

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4 CLASSES SUSTAINABILITY

OS CIRCULAR FASHION | 06-10-2020

BIOCHROMES | 13-10-2020

BIOFABRICATING MATERIALS | 27-10-2020

TEXTILE SCAFFOLD | 17-11-2020

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#FABRICADEMY2020 À LA CARTE — SUSTAINABILITY

The **SUSTAINABILITY package** explores the role of future eco-pioneers and material designers for a circular and sustainable textile and clothing field, bringing together craftsmanship knowledge and upcoming technologies.

The 4 lectures and hands-on learning sessions offer a view on the past and future of sustainable craftsmanship: an array of techniques for environmentally friendly alternatives in the fields of biomaterials, pigment & dyes, modular reconfigurable laser cut designs and the solidification of soft fabrics into hard-structures.



Irene Caretti, Stephanie Santos - Fabricademy 2018



Carolina Delgado - Fabricademy 2019



Skills you will learn:

- 2D Design, Lasercutting
- Dyeing, Biofabricating colours (from natural pigments or bacteria)
- Crafting and growing biomaterials
- Molding & Casting, Composites

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4 CLASSES WEARABLE TECH


E-TEXTILES | 20-10-2020

WEARABLES | 23-11-2020

SOFT ROBOTICS | 08-12-2020

SKIN ELECTRONICS | 15-12-2020

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#FABRICADEMY2020 À LA CARTE — WEARABLE TECH

The **WEARABLE TECHNOLOGY** package focuses on the design and integration of electronics with and as textiles for the development of smart fabrics that are aesthetically and performance-wise enhanced with microcontrollers, sensors, actuators and programmable logics.

Participants will obtain basic programming, hardware design and circuit crafting skills in order to create interactive prototypes using conductive threads, fabrics, e-embroidery and other techniques. The projects can be developed for a broad range of applications, from performative arts to healthcare solutions.



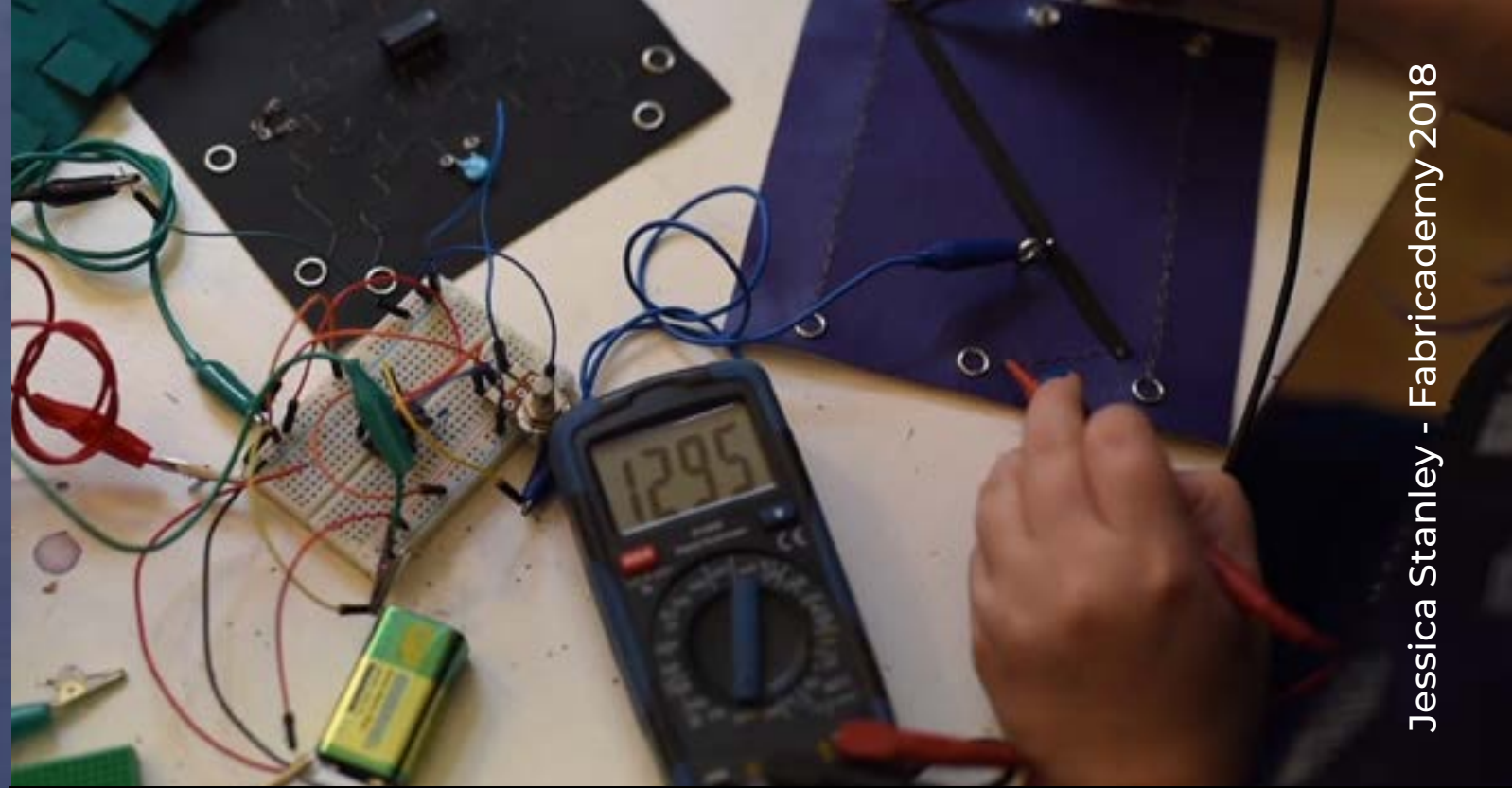
Montserrat Ciges - Fabricademy 2018



Betiana Pavon-, Alaska Accesorios - Fabricademy 2018



Betiana Pavon, Ana Correa - Fabricademy 2018



Jessica Stanley - Fabricademy 2018

Skills you will learn:

- 2D Design, 3D modeling
- Crafting softcircuits, wearables
- Soldering, Programming
- Molding & Casting
- Lasercutting, 3D Printing

#FABRICADEMY2020 | APPLICATIONS

**Apply today with your CV & Portfolio
at: apply.textile-academy.org
selecting the option: Short Course and
the node where you intend to attend
the Fabricademy 2020-21 Classes.**

**After you fill in the form, Textile
Academy Coordination, together
with the lab/node selected, will
review your application and inform
you about the results of the selection.**

#FABRICADEMY2020 | NODES WORLDWIDE

**AMMAN | JORDAN
BARCELONA | SPAIN
BRUXELLES | BELGIUM
DOHA | QATAR
GENEVA | SWITZERLAND
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KOCHI | INDIA
LÉON | SPAIN
LIMA | PERU
LYON | FRANCE
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