

Textile Academy 2016

19 September 2016 - 31 January 2017

Do you want to explore new, relevant ways of designing, making and producing textile and clothing? Apply for the Textile Academy and join this pioneering group that will explore the future of the textile industry.

The Textile Academy is a program for fashion, textile and material designers, researchers, artists, engineers and creatives. Together we will experiment with craftsmanship, heritage, technology, digital fabrication and biology, share knowledge and push traditional boundaries of the textile and clothing industry.

On 19 September 2016, the first edition of the Textile Academy starts. The Textile Academy is a 16 weeks course, two full days a week, in which you learn about techniques, processes, machines and tools that have impact on the actual way of designing both textiles and clothing.

In a small group, participants, and under the guidance of fashion experts and makers, Cecilia Raspanti and Ista Boszhard, you will experiment in the TextileLab Amsterdam. The Textile Academy will be taught in English.

Duration:

16 weeks

Subjects:

- fashion
- textiles
- craftsmanship
- heritage
- technology
- digital fabrication
- biology

Sign up now to become a master in (digital) design and fabrication applied to textiles and clothing!

waag.org/en/textile

More information can be obtained by contacting textilelab@waag.org.



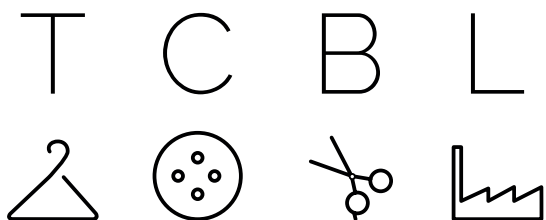
Textile Academy program

The Textile Academy focuses on combining the knowledge of traditional and future craftsmanship to explore innovative ways of designing and making for the slowly changing textile and fashion industry. Together with experts from the field you will investigate how the textile and fashion industry can benefit from new technologies, and processes.

You will learn how to digitally draft patterns, work with machines like laser cutters and 3D printers and explore interesting options for new materials and dyeing techniques with living bacteria and natural dyes. Weekly workshops will give you the tools and knowledge to develop your own in depth research project in the TextileLab.

Textile Academy program will cover the following themes, but not exclusively:

- Ethics, moral, innovation, transparency, sustainability in the textile industry
- Make your mannequin: scan and lasercut
- Digital - hand pattern principles
- Material machine manipulation
- Exploration 3D-printing
- Biology and textile
- Dyeing: bacterial and natural
- Electronics and sensors in clothing



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 646133.



Textile Academy is part of ...

TextileLab Amsterdam

TextileLab Amsterdam offers a place to explore the possibilities of creating and using open source tools and machines for the textile and clothing industry. Machines that we can weave and knit and experiment with new materials. Existing machines and tools will be hacked and with that new work processes explored. The outcomes will be reproducible through digital fabrication and available for participants and other Textile and Clothing Business Labs (TCBL). The TextileLab Amsterdam consists of the Textile Academy program, weekly open evenings and monthly Textile Dialogues.

Available facilities at the Waag Society:

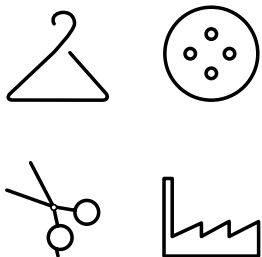
Laser cutter, 3D printers, Industrial sewing machines; Industrial serger; Embroidery machine, Vinyl cutter, Incubators, Culture collection, Small milling machine, Big milling machine. Some of the facilities will be used as part of the lessons, some are optional to use for your own projects.

The Textile and Clothing Business Labs (TCBL)

With TCBL, Waag Society helps lead innovative practices in the European textile and clothing industry. Together with partners from across Europe we investigate how the clothing sector can benefit from new technologies, processes, and business models. The aim is to develop an ecosystem that provides the industry with a better position in the global textile and clothing industry. TCBL hopes to strengthen the knowledge and the competitiveness of the sector. It accomplishes this through working together with all relevant stakeholders in design labs, create labs, and community labs.

Waag Society

Waag Society is a institute for art, science and technology and a pioneer in the field of digital media. Over the past 22 years, the foundation has developed into an institution of international stature, a platform for artistic research and experimentation, and has become both a catalyst for events and a breeding ground for cultural and social innovation. Waag Society explores emerging technologies, and provides art and culture a central role in the designing of new applications for novel advances in science and technology. Artists and designers know better than anyone that they must question technology in order to get to the bottom of things, overthrow sacred cows, stimulate imagination and fantasy, create unexpected connections, and—above all—search for meaning.



Practical information

What do you need?

A strong interest in textiles, clothing, making, craftsmanship and technology.
You are expected to bring your own laptop.

When is it?

On Monday, lessons are from 10.00 to 17.00 hrs.
On Tuesdays and Thursdays, the TextileLab is open for participants to work on their own projects.

Where is it?

All lessons are taking place at De Waag in the heart of old Amsterdam, Nieuwmarkt 4, 1012 CR Amsterdam.
The entrance is right of the restaurant, the red doors.

Participation fee

Standard

Early Birds until August 31st: 1,500 euro (incl. VAT)
Normal price after August 31st: 2,000 euro (incl. VAT)
Expected material cost: 300 euro

For students

Early Birds until August 31st: 900 euro (incl. VAT)
Normal price after August 31st: 1,200 euro (incl. VAT)
Expected material cost: 300 euro

The tuition fee is non-refundable.

Deadline

The final date to enroll in the Textile Academy is September 6th, 2016. Registration does not guarantee participation, as there are limited spots available. You will receive an invoice that needs to be fully paid before September 9th in order to confirm your registration.

By **sending an e-mail** with a motivation letter and resume you can register for the Textile Academy.

What's next?

After following the Textile Academy you will receive a Textile Academy Certificate, and you will have gained unique and valuable experience in working in a process-oriented way in the Fablab, Open Wetlab and TextileLab, and be part of the European network of Textile and Clothing Business Labs (TCBL).

More information about TCBL can be found here:
<http://waag.org/en/tcbl>



Your instructors



Cecilia Raspanti is a fashion/textile designer and digital fabrication expert, born in the Netherlands and who grew up in Italy.

Experienced in fashion and textiles, she is researching and translating craftsmanship techniques and small production processes into digital fabrication innovative possibilities. Cecilia works as Concept developer and Designer at the FabLab and TextileLab Amsterdam, where she leads and organises workshops.



Nina Papakonstantinou is an architect and has a master degree in Advanced Architecture of the Institute for Advanced Architecture of Catalonia. Within the TCBL project she focuses on computational design tools and digital fabrication techniques, as well as on research regarding biotechnology and new textiles.



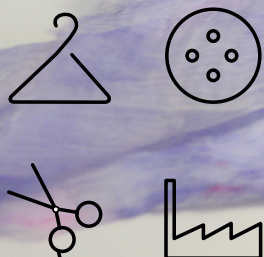
Ista Boszhard has a background in Fashion Design and Cultural Studies. Amongst working in education she works as a concept developer at Waag Society. She is interested in process, likes to question what we're used to, empower and connect people,

explore possibilities, offer new / relevant perspectives and to combine intuition and research.



Emma Pareschi works since 2014 as hardware developer at Waag Society. In an earlier stage, Emma worked as an intern at Fablab Amsterdam and successfully followed the Fab Academy. Emma is Italian by origin and now lives in Amsterdam. She has a

M.Sc. in Physics, specialization in electronics and she worked as analog design engineer of integrated circuits for a semiconductor company based in Villach, Austria. Emma works within several projects at the hardware and software integration.



Mark your calender!

September 6th - Opening celebration TextileLab Amsterdam

We welcome fashion and textile enthusiasts to celebrate the official opening of the TextileLab Amsterdam with us. A place where we will share, question, innovate, hack, make, meet and experiment with craftsmanship, technology and digital fabrication for the textile and clothing industry. During this evening we touch upon a few topics that the TextileLab will explore. Different speakers related to the field of fashion, clothing, textile, design and technology will share their ideas and spark conversation. After listening and talking, it will be time to connect, celebrate and dance!

Join us! More information and sign-up here:

<http://waag.org/en/event/opening-celebration-textilelab-amsterdam>

More information can be obtained by contacting textilelab@waag.org.



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