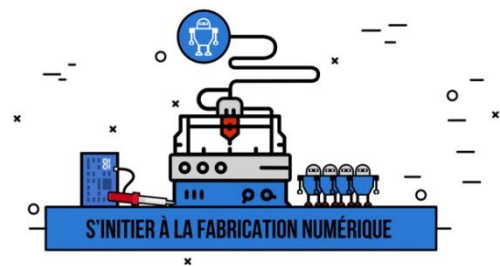


> A MOOC for learning the basics of digital manufacturing

This MOOC is the first part of a "Digital Manufacturing" program created by IMT in partnership with MCD and Makery.info. It is funded by the Ile-de-France region with support from the Department of Paris.

Four weeks to understand how digital manufacturing is revolutionizing the production of objects

3D printers and numerically-controlled laser cutting machines give everyone the possibility of manufacturing their own objects. They can also be programmed and connected to the internet, enabling a quick transition from idea to prototype, thereby allowing their creators to become entrepreneur makers. This rapidly growing sector is giving rise to new professions.



An inside look at FabLabs

This MOOC will give you the opportunity to take an inside look at FabLabs to help you understand the basics of digital manufacturing. Through collaborative workshops, you will discover the technology, methods and professions that make it possible to produce the objects of the future such as connected devices, prosthetic hands, furniture and even prototypes for electric cars.

At the end of the MOOC, you will be able to...

- describe what a FabLab is and what it can be used to do
- describe how to create an object with a numerically-controlled machine
- write and run a simple program to program an object
- explain how to make the transition from prototype to entrepreneurial project

Prerequisites

This MOOC is an introductory MOOC. Basic knowledge of digital tools is recommended (email, web browsing, word processing).

Partners

The "Introduction to Digital Manufacturing" MOOC is co-produced by IMT (with support from the Patrick and Lina Drahi Foundation), [MCD](#) and [Makery.info](#). It is funded by the Ile-de-France region and the Department of Paris. As part of the "ParisCode" and "Digital technology for career training" calls for projects, a group of thirty jobseekers will participate in this MOOC in conjunction with FabLab workshops and will receive a certificate of acquired skills from IMT at the end of the course.

Statements of Completion

Statements attesting to the successful completion of the course are issued by FUN to learners who successfully pass the evaluations.

Courses begin May 23!

[To find out more + and enroll on FUN](#)

OFFICIAL LAUNCH
By the Paris City Hall on May 30, 2017
à 9h chez Draft Ateliers
12, esplanade Nathalie Sarraute, Paris 18

MOOC teachers:

- Baptiste Gaultier, engineer at IMT Atlantique, FabLab enthusiast and pedagogical manager
- Guillaume Attal, fabmanager at [Villette Makerz](#),
- Quentin Billey, co-founder of [Draft Ateliers](#),
- Arthur Baude, digital artist, designer and maker at [Le Petit Fablab de Paris](#)
- Nicolas Bard, co-founder of the makerspace [ICI Montreuil](#).

About IMT www.imt.fr

IMT is a public institution dedicated to higher education and research for innovation in the fields of engineering and digital technology. Always tuned in to the economic world, it combines high academic and scientific legitimacy with close business relations and a unique positioning in 3 major transformations of the 21st century: Digital Affairs, Energy and Ecology, and Industry. Its training and research for innovation are conducted in the Mines and Télécom Graduate Schools under the supervision of the Minister for Industry and Electronic Communications, in one subsidiary and in institutions that are associate partners or under contract. IMT is a founding member of the Industry of the Future Alliance. It has two Carnot labels for the quality of its research partnerships. Every year, around one hundred startup companies leave its incubators.

About MCD www.digitalmcd.com

The Digital Music and Culture association promotes and disseminates digital culture. Its main activities include producing workshops for digital creation, producing MOOCs and publishing multimedia content about digital creation.

About Makery.info www.makery.info

Makery.info, the media for labs, is an online media space dedicated to practices derived from fablabs and to the maker movement. Makery provides services and training for businesses with a focus on digital manufacturing. Launched in June 2014, the bilingual news website includes a map listing nearly 850 labs around the world.

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