

MOOC

> Learn all about digital manufacturing with Institut Mines-Télécom's 3-MOOC course program

With this course program, everyone can master the steps of manufacturing connected objects just like they are produced in FabLabs! After the success of the first two sessions of the "Digital Manufacturing" MOOC in 2014 and 2015 on the FUN platform (more than 15,000 registered users), Institut Mines-Télécom now offers a complete training course in FabLab technologies. It is the first course program on this topic created by the Institut, a pioneer of MOOCs in France.

"FabLabs are fascinating places where you can make just about anything thanks to cheap technology and collaborative learning. This course program gives you an overview of FabLab technologies and methodology. No particular theoretical knowledge is required; this course is intended for anyone of all ages who is curious and passionate about digital technologies. We start with the basics of Arduino development through to object modeling. We also invite learners to order a learning kit so they can complete their own project throughout the program," explains Baptiste Gautier of Télécom Bretagne, who is behind this MOOC open to the general public.

Digital manufacturing program: from idea to prototype

MOOC 1: Program an object with Arduino

Learn how to program an object with electronics and Arduino development

Course opens on **March 31**

Length 4 weeks - [Registration](#)

MOOC 2: Building a connected object

What happens when objects connect to the internet? Discover the mechanisms and protocols for connecting an object to the internet or connecting objects among themselves.

Course opens on **May 12**

Length 4 weeks - [Registration](#)

MOOC 3: Designing and Modeling in a FabLab

Model an object on your computer and produce it in the real world in a FabLab

Course opens **Fall 2016**

Length 5 weeks



About Institut Mines-Télécom www.mines-telecom.fr

Institut Mines-Télécom is a public institution dedicated to Higher Education and Research for Innovation in the fields of engineering and digital technology. Always tuned into the economic world, it combines high academic and scientific legitimacy with a practical proximity to business 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 rolled out in the Mines and Télécom Graduate Schools under the supervision of the Minister for Industry and Electronic Communications. Institut Mines-Télécom is a founding member of the Industry of the Future Alliance. It maintains close relationships with the economic world and has two Carnot Institutes. Every year around one hundred startup companies leave its incubators.

Press contacts

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