

MOOC

> IMT partners with global platform edX

Institut Mines-Télécom has just signed an agreement to partner with [edX](#), the online learning destination founded by Harvard and MIT. The first IMT online course offered in English on this leading nonprofit, open-source MOOC platform will be “[Digital Networks Essentials](#)”. Enrollments for the course open on July 7.

The advantages of the partnership for IMT

By becoming a member of the [edX](#) consortium, IMT will offer its courses to more than 8 million learners from every country in the world. It also plans to take advantage of the pedagogical and technical benefits that edX has to offer:

> **A wealth of pedagogical features** for designing MOOCs: edX chose to allow the source code of its Open edX software to remain open, enabling all participating partners to share in the new features it developed.

> **Access to the university community created by edX**, working together for the future of online learning: major global universities contribute to this community, with research projects, for example, on data mining and education.

> **The implementation of blended learning** (combining digital and on-site learning) based on MOOCs. This approach will help meet IMT’s needs in the area of distance learning.

> **IMT MOOCs transferred to and from FUN**, which also uses the Open edX software.

Such transfers are particularly useful for MOOCs that were first published in French on the FUN platform, and then in English on edX, as will be the case for many IMT MOOCs, just like the *Digital Networks Essentials* MOOC.

“Our strategy is to position IMT and its teaching teams in an innovative community that brings together many of the most prestigious universities in the world, explains Nicolas Sennequier, Director of Digital Learning at the Institute. We have many values in common with edX, such as openness and collaboration. We will also keep developing MOOCs with our existing partner platforms. In particular, we will continue to participate to the FUN platform, which we use to publish the majority of our French MOOCs. Above all, we would like to help build further the partnership between FUN and edX, which would allow other institutions that are FUN members to publish MOOCs using edX.”

“We are honored to welcome IMT to edX. As the first member of FUN to join the edX consortium, IMT will bring its extensive experience with MOOC development to the edX global community and will engage new learners,” said Anant Agarwal, edX CEO and MIT Professor. “This partnership furthers our shared mission to increase access to high-quality education and enhance teaching and learning both on campus and online.”



Digital Networks Essentials

The 1st MOOC published on edX will be [Digital Networks Essentials](#), a MOOC focused on how digital data networks work on the Internet, a course that is also offered in French on the FUN platform.

This course explains how data networks, like the internet and telephone networks, work, enabling communication and providing access to information.

The course describes the vocabulary, concepts and mechanisms that are common to all computer networks. This MOOC describes Internet protocols TCP, UDP and IP.

It explains how a global network is organized, how its components work, and the importance of standards and protocols.

Enrollments open on July 7. The course will start in January 2017.

Find out more about IMT on edX [here](#). (Full link: <https://www.edx.org/school/imtx>)

Find out more about the Digital Networks Essentials course [here](#). (Full link: <https://www.edx.org/course/digital-networks-essentials-imtx-net01x>)

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.

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