

> The Institut Mines-Télécom publishes two new online modules

As a founding partner of France's Digital University (France université numérique - FUN), the Institut Mines-Télécom is pushing ahead with its strategy of publishing course materials online, making them freely accessible to all. This February two new modules will go online: 'Fundamental principles of data networks' and 'An introduction to mobile networks'.

'Fundamental principles of data networks': getting to know the technologies which underpin Internet and telephone networks

This module starts on February 3, and is comprised of around thirty video lessons. These lectures use simple analogies to introduce technical concepts, backed up with examples taken from real working networks.

The module also includes various online exercises and practical tasks, providing students with a grounding in the vocabulary, concepts and general mechanisms which are common to all network systems. This introductory program takes a look at the way in which global networks are organized, how their component systems operate and the crucial importance of standards and protocols.

> MOOC : principes des réseaux de données

MOOCs Numérique, technologie



Par : Claude Chaudet, Géraldine Texier, Laurent Toutain, Olivier Paul, Pierre Rolin, Institut Mines-Télécom
Nous vivons dans un monde numérique et connecté. Chacun, à titre professionnel ou personnel, utilise divers équipements pour naviguer sur le Web, communiquer sur les réseaux sociaux tels que Facebook, acheter en ligne, regarder des films sur Internet, jouer à distance ou simplement téléphoner. Ce cours vous propose d'apprendre à connaître les technologies réseaux qui permettent ces objets et ces services.



FUN MOOC Fun - 02.10.2013 | Rubrique : MOOCs

The teaching staff for this module comprises lecturers and researchers from Télécom Bretagne, Télécom SudParis and Télécom ParisTech.

Enrolment is open until February 1, and classes will finish on April 4.

www.france-universite-numerique-mooc.fr/courses/MinesTelecom/04003/Trimestre_1_2014/about

'An introduction to mobile networks': course starts February 18th

How much do you really know about GSM, 3G or LTE? Find out what's hiding behind the acronyms, and learn to understand the way these mobile communications networks function, allowing you to access the internet and make calls whether you're in the city or in the middle of the countryside. This module includes video lessons and tests spread over 8 weeks. The teaching staff includes researchers and lecturers from Télécom Bretagne, and students can sign up via the FUN platform until February 24:

www.france-universite-numerique-mooc.fr/courses/MinesTelecom/04001/Trimestre_1_2014/about

Check back in March to discover 'new applications for digital manufacturing'

The Institut is also pleased to announce the arrival of a new module starting March 17, titled 'Digital Manufacturing'. The aim is to explore how innovations make the transition from ideas to actual prototypes, incorporating elements of electronics, computer science, industrial design and collaborative research to examine new tools and techniques of digital manufacturing such as 3D printing. Enrolment is already open via the FUN platform:

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

The Institut Mines-Télécom is a public establishment dedicated to higher education, research and innovation in the engineering and digital fields. It is made up of 10 Mines and Télécom "grandes écoles", under the aegis of the Minister for Productivity.

There are 2 subsidiary schools and 2 strategic partners and a network of 11 partner schools.

The Institut Mines-Télécom is nationally and internationally renowned for the high standard of its courses for engineers, managers and PhD students, and its research and innovation activities.

The Institut Mines-Télécom is a member of the Allistene, Aviesan and Athena national alliances for research planning. It maintains close relationships with the business world and has two Instituts Carnot. Every year, some one hundred start-up businesses are born.

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