



SUCCEEDING
eXPERIMENTING
SHARING
GOING FURTHER

Are you
ready for busin**e**ss?

A department of Ecole Centrale de Lille
in partnership with SKEMA Business School

Ingénieur
Manag**Er**
Entrepreneur

I**te**em

“

Entrepreneur [Entr&preneur]

Having an idea, regardless of its nature, and the will to put it into practice.

➔ In this respect, an "enterprise spirit" is closely bound with a determination to act, experiment, succeed and innovate

This means being able to exploit opportunities and having the courage to see plans and projects through to completion.

➔ An enterprise spirit means "keep further"



Fancy starting up
something big?

Are you curious, dynamic, and ingenious? Are you ready to take up managerial responsibilities? Well, if you are, "Welcome to Iteem!"

LEARN TO BECOME AN ENGINEER-MANAGER-ENTREPRENEUR IN 5 YEARS

As a department of Ecole Centrale de Lille, Iteem offers training as **Engineer-Manager-Entrepreneur** in partnership with SKEMA Business School. This program is designed for final year scientific baccalaureate students and leads to the postgraduate engineering degree of Ecole Centrale de Lille (speciality industrial engineering and entrepreneurship - title of Engineer conferring the grade of Master).

All too often seen as synonymous with company start-ups, the notion of "enterprise" is covered more fully at Iteem, including: company set-up, business development, the development of new markets, proposing new operating methods within a company or the development of projects for associations.

MEETING COMPANIES' NEEDS

Faced with the new challenges of a rapidly changing economy, heightened international competition and even more stringent demands from clients, now more than ever before companies need to improve their capacity to adapt and innovate. Consequently, they are looking for managers with **genuine entrepreneurial abilities** that are **required in order to successfully implement change**.

CAREER OUTLETS

NATHACHA	Project engineer	€36,000 per year
CHLOÉ	Sales engineer	€35,000 per year
FRÉDÉRIC	Strategy, Organisation and Management Consultant	€40,000 per year
GUILLAUME	IT Consultant	€36,000 per year
ANISSA	Project leader	€34,000 per year
BENOÎT	IT Consultant	€35,000 per year




"In 2008 I hired two Iteem students even before they had started their terminal internship. The profile of the graduates of this innovative training program is exactly what I was looking for. The combination of technical and managerial skills enables students to understand and adapt to the various aspects of corporate life. Not only do they quickly get to grips with our customers' projects but they also see to our own in-house projects as well. This «dual» training to be both an engineer and a manager offers a real advantage to my company and perfectly corresponds to the markets in which it operates"

Didier Ligneel
CEO - NRC Group

By ensuring that the notion of «enterprise» is central to its curriculum, Iteem perfectly meets the needs expressed by companies.

ENGINEER-MANAGER-ENTREPRENEUR: A TRAINING PROFILE OFFERING A WEALTH OF CAREER OUTLETS

Today, the most frequently sought after applicant profiles on the labour market are those offering diverse career prospects. Companies need managers/engineers who are operational from the outset, who are capable of effectively running teams based on shared goals, capable of working independently and able to easily adapt to new situations. By offering its students top-level training in both engineering and management, Iteem gives them the advantage they need to a **fulfilling and successful career**, whether in an existing company or when starting up a new one.



Professional fields

ENGINEERING SCIENCES

Automation and IT
Mathematics
Mechanical engineering and materials
Electronics and telecommunication

MANAGEMENT AND BUSINESS

Marketing
Finance
Corporate strategy
Management

CULTURE/ INTERNATIONAL

Social sciences
Communication
Economics
Modern languages

Personal development and experience (conferences, internship, corporate projects, etc.)

are you
ready to succeed?

Are you keen to manage the technical, managerial and commercial factors needed to successfully complete complex projects? Iteem offers you the chance to succeed and acquire training in both engineering and management.



"Today dual-skill profiles offer a real advantage. When we handle a property development project, our managerial skills enable us to manage it from A to Z, while our commercial skills, underpinned by our technical knowledge, certainly help in convincing our investors. It's no coincidence that Bouygues Construction employs so many staff with dual-skill profiles"

Antoine Boniface - Graduate (2008)
Data Center and Business Park Project Manager
Sodéarif (Bouygues Construction Group)

Completing the curriculum for an **engineering school** and a **management school** in only five years is a major challenge, but Iteem makes it possible **through a highly original course structure and an innovative approach to teaching, well suited to the unique characteristics of the syllabus.**

A CONCRETE AND INNOVATIVE APPROACH TO TEACHING

Iteem encourages **"hands-on" learning**. During the first year, numerous practical assignments, role-play situations, case studies, conferences, company sponsored projects and work placements offer a useful link between theory and real-life applications.

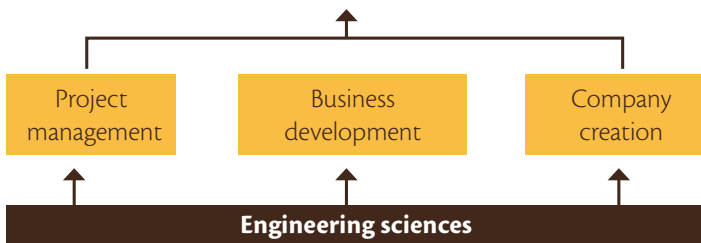
The curriculum is designed so that students have plenty of time for individual or group work. The goal is to encourage students to engage in learning outside the classroom as well.

A HIGHLY ORIGINAL CURRICULUM STRUCTURE

With this 5-year post baccalaureate training program, Iteem has organized the curriculum into three phases, including courses from the first year onwards, combined with practical experience. A taste for enterprise management is developed through a combination of three major management themes (project management, business development, and company creation) backed by a solid foundation in engineering.

- **An initial 3-year phase**, common to all students, enables them to acquire the basic knowledge they need.
- During the fourth year, an **8-month internship abroad** is the decisive training in helping the student prepare for a career
- During the fifth year, students opt for one of the specializations offered by Ecole Centrale de Lille, while also attending final-year classes at SKEMA Business School. Finally, they round off their career preparations with **an terminal internship** (5 months).

AN ENTERPRISE SPIRIT



Experience

16 MONTHS of in-company periods

8 MONTHS abroad (during the fourth year)

360^{HOURS} of corporate/student projects

80% of students are members of at least one of Iteem's many associations



are you ready

to Experiment ?

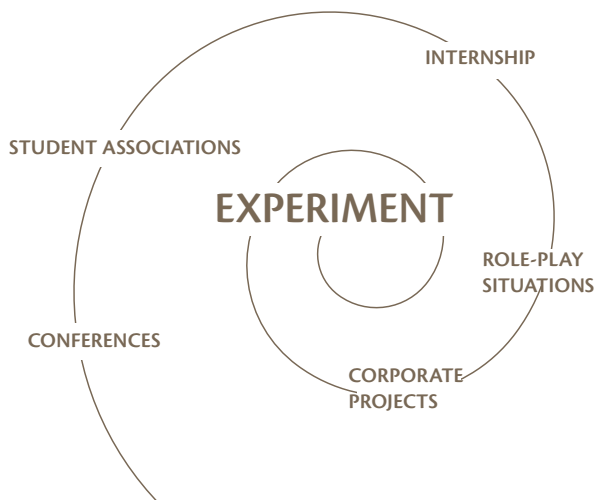
Are you keen to take the initiative and assume responsibilities? Do you enjoy being faced with real-life situations out in the field? Iteem believes that it is never too early to develop an enterprise spirit, and attaches a great deal of importance to experimentation.

CORPORATE EXPERIENCE

Companies are seeking executives and managers who are immediately operational, and this is why the experience gained over your **16 months' internships** at Iteem is particularly appreciated by recruiters.

Iteem's internships are seen as completely separate **personal projects** and each receives **individual support**, from the very beginning of research to the completion of the tasks set by the company. During the final year, students planning to set up businesses have the possibility to join a business incubator in collaboration with five advanced universities.

The purpose of the 8-month internship during the fourth year of studies is not only to discover a new culture but also to obtain solid and rewarding professional experience, an important asset to the eyes of company managers. This particular aspect of the training offered at Iteem helps students become more **independent** and **mature** in their work.



"Iteem's program paves the way to the world of company start-ups. A genuine enterprise spirit is developed during the five years of study. After leaving Iteem, I set up a company which I later sold in order to launch an e-commerce project with lematelas.fr. The skills and versatility gained at Iteem enabled us to succeed, technically, administratively, as well as in project management and sales"

Grégoire Lengaigne - graduate (2008)
E-commerce Manager - lematelas.fr

GAINING EXPERIENCE THROUGH PROJECTS

The **corporate/student projects** offer the perfect opportunity to experiment, enabling students to put their dual skills into practice by completion of projects by combining design and implementation-using technology, entrepreneurship, innovation and marketing aspects.

ASSOCIATION-BASED EXPERIENCE

At Iteem, association projects offer additional practical experience. These are undertaken at the initiative of the student, who is given complete freedom to manage things as they see fit.

As an example, Iteem students have launched several projects which they manage as **mini-companies**, such as the *Human' Iteem* association which has installed an irrigation system in Burkina Faso, or the *Lille aux Enfants* association which every year organizes a charity event in Lille to raise money for an association working to help children.



A dynamic environment

- REASONABLY-SIZED ANNUAL STUDENT INTAKES
- STUDENTS COACHED BY A TUTOR
- INTER-YEAR "BUDDY SCHEMES"
- CULTURAL, HUMANITARIAN AND SPORTS ASSOCIATIONS
- A NETWORK OF MORE THAN 20,000 GRADUATES (FOR BOTH SCHOOLS)

are you
ready to shar**e**?

Are you keen to share such key values as dynamism, commitment, perseverance, boldness and personal development with those around you? Iteem encourages this state of mind and thrives to maximize your personal and professional self-fulfilment.



"You don't just become an engineer in five years. It's a long-term commitment, a personal development process, achieved through training which helps us to better understand both ourselves and others. I definitely felt that I grew as a person during this training program, which I will always see as the basis of my knowledge and my future"

Aurore Moutte - Graduate (2008)

Junior Project Leader, DEXIA BIL (Luxembourg)

A STATE OF MIND

At Iteem, becoming an engineer is not simply learning the skills and knowledge. It is also based on **interpersonal skills**, and above all, a **specific state of mind** developed throughout the program.

During your first few days at Iteem, the reception activities organized by the organizing team and the students from the various classes all help to foster a **genuine sense of belonging to the larger Iteem community**.

The diversity of student profiles at Iteem provides a source of personal enrichment for everyone concerned. An Iteem student typically demonstrates a wish to learn and share his/her knowledge and experience with others. The resulting **spirit of mutual assistance** is an important aspect in each student's personal development.

This state of mind is also shared by Iteem faculty and its administrative team. Always open and willing to listen to students' views and concerns, they have developed **a climate of trust and proximity** encouraging self-fulfilment in addition to personal and professional success.

COMMUNITY LIFE: SHARING A COMMON PASSION

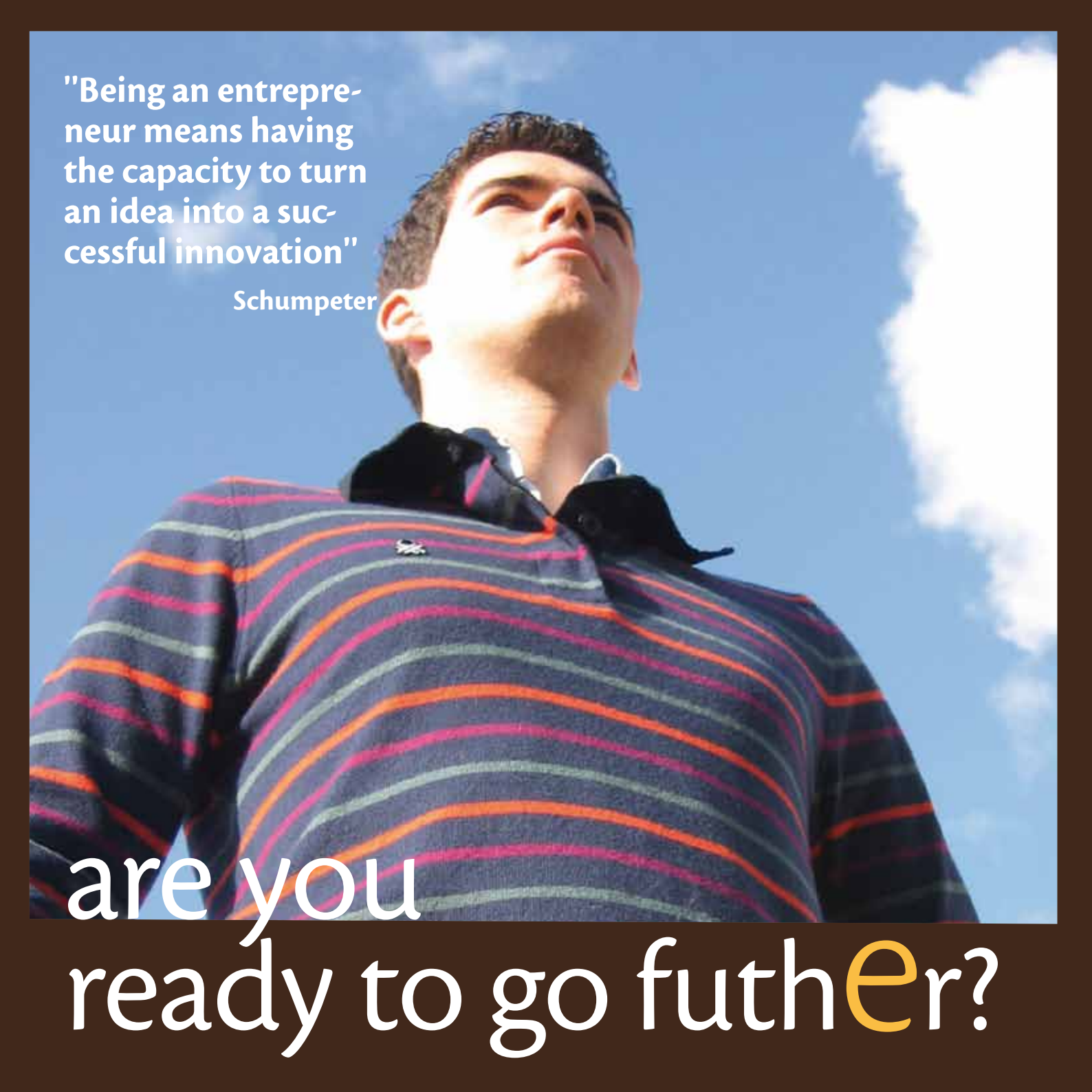
When they join Iteem, students can choose from among the dozen sports, cultural or artistic associations present on campus. **The energy of community life** at Iteem makes it possible for everyone to take part in these activities whatever their preferences, and to share their passion and enthusiasm with others.

Iteem students also have their own Students Union office which **organizes and actively improves student life** including outings, travels, links with companies and the organization of conferences, etc.

For further information: <http://bde.iteem.ec-lille.fr>

ALUMNI NETWORKS

The notion of sharing also lives on through the institution's **social networks**. From their first year at the school, students have access to the network of graduate engineers from Ecole Centrale de Lille and that of SKEMA Business School, along with the various services they offer.

A low-angle photograph of a young man with dark hair, wearing a dark blue polo shirt with horizontal stripes in orange, pink, and light green. He is looking upwards and to the right against a bright blue sky with a few white clouds. The lighting is bright, suggesting a sunny day.

"Being an entrepreneur means having the capacity to turn an idea into a successful innovation"

Schumpeter

are you
ready to go futher?

Do you have a taste for enterprise, for success, for experimentation, for sharing and for self-fulfilment? If so, Iteem is definitely the place for you!

A SINGLE OBJECTIVE: EXCELLENCE!

Iteem carries out **selective recruitment**, which is open to the very best final year scientific baccalaureate students. The selection of applicants is based both on academic excellence, the student's personality and his or her enterprising spirit.

This philosophy can also be seen in the **requirements for the curriculum**. Thanks to the wide and versatile range of subjects, the requirement to attend all sessions, the high number of hours worked and a high amount of personal work students are encouraged to **face challenges** and to always go further, whether in terms of academic results, community life or professional experience. It is this **constant drive for personal improvement** that transforms students into sources of new ideas with a flair for enterprise.

A PARTNERSHIP TO PUSH YOU FURTHER

As an entity jointly managed by Ecole Centrale de Lille and SKEMA Business School, not only does Iteem embrace the excellence of these two elite higher education institutions, but it also benefits **from their expertise**.

What makes a partnership between these two institutions so special is the fact that it covers the educational process as a whole, taking into account the management of the department, decision-making bodies, project and internship supervision or the organization of teaching teams, resulting in the creation of a genuine **dual culture**.

As part of the partnership between the two schools, in addition to their program at Iteem, students may undertake a **Master of Science in Project and Program Management and Business Development** with SKEMA Business School and graduate with a second separate diploma.

JOIN ITEEM, APPLY TODAY

Requirements:

- Applicants must hold or be studying for a baccalaureate series S or STI issued in France (regardless of the country of residence) or an equivalent foreign qualification.
- Applications must be submitted via the post-baccalaureate admissions website (www.admission-postbac.fr).

Selection: recruitment via an entrance exam

- A written entrance exam including: general, scientific and economic knowledge, English and French.
- An interview to evaluate the student's motivation and ambitions, and an examination of his/her academic background.
- Admission results are issued further to those two stages and subject to the student passing his/her baccalaureate.

Useful information:

- Degree awarded: postgraduate engineering diploma from Ecole Centrale de Lille, (speciality industrial engineering and entrepreneurship - title of Engineer conferring the grade of Master) **approved by the CTI**. (*Commission des Titres d'Ingénieur* is an independent body fully involved in the development of the European Higher Education Area).
- A public training body, affiliated with the Ministry of Higher Education and Research.
- Restaurant services and accommodation in student halls may be available near the campus.
- Syllabus - available on Iteem's website

<http://iteem.ec-lille.fr>

