



Eleven Week Project

Engineering students, expertise dedicated to your goals.

What's an Eleven Week Project?

This is a concrete development project, based on real cases which company or laboratory entrusts to HEI.

Fully integrated into HEI training courses (in pedagogy form, by problem and by project) of a full time 11 week duration, the projects lead to tangible deliverables following the work realized. The project is carried out by a team led by a teacher-researcher and composed of international students and students from different schools targeting HEI final year engineering. The projects may take place in the company and/or at school.

What's new?

HEI teacher-researchers provide their know-how on project management and their expertise (drawn from their research and training experience), to supervise the subject you entrust to HEI.

Building, planning and architecture • Building and Civil engineering • Chemistry • Mechanical Design • Energies, electrical and automated systems • Energies, Habitat, Environment • Computing and information technologies • Medical engineering and health • Business management and organization • Textile technologies, innovation and international management • Banking, finance and insurance

	Eleven Week Platform Project	Eleven Week Lab Project	Eleven Week Development Project
Your request	<p>Leading to a feasibility study Realizing a technical resource guide Exploring ideas, potentials Identifying eventual partners Meeting new targets, new needs Boosting a technical project Creating products, services Having access to lab equipment Developing innovative uses Maintaining transversal technological monitoring Studying the market Optimizing organizational frameworks Realizing a prototype Initiating a business plan, etc. Leading a study with a partner Exploring R&D possibilities Overcoming technological obstacles etc.</p> <p>In a national or international background</p>	<p>Collaborating with a lab Inaugurating a fundamental research initiative Deepening and consolidating results Realizing a bibliographic study Launching a patent deposition Removing technological limitations Investing in competitive edge Obtaining visibility in R&D etc.</p>	<p>Realizing a technical project Maintaining technological monitoring Leading a feasibility study Analyzing, optimizing, organizing a process Initiating a quality approach Optimizing production Studying the market Developing a software tool Defining specifications, etc.</p>
Our response	<ul style="list-style-type: none"> • A 6 to 10 engineering student team of different fields, of different nationalities or different schools • 11 weeks of work full time on platform project • 1 teacher-researcher leader • In relation with 1 or several identified partners in your company • Cutting edge teacher-researchers in their area • Co Design sessions, on demand • Multi-sector skills 	<ul style="list-style-type: none"> • 1 to 2 engineering students in a laboratory • 11 weeks of work full time • 1 teacher-researcher leader • In relation with 1 or several identified partners in your company 	<ul style="list-style-type: none"> • A team made-up of 2 engineering students minimum • 11 weeks of work full time • 1 teacher- researcher leader • In relation with an identified tutor in your company • Technical and scientific expertise
Your benefit	<p>Boost your project with a proven, multidisciplinary, innovative and multicultural project</p>	<p>Gain access to expertise and resources of a laboratory</p>	<p>Sort out a pragmatic answer to your problem</p>

HEI: training and multiple talents dedicated to your goals.

HEI is a general engineering school strongly open to companies and positioned internationally. The school is an actor in economical development through 3 activities: training, research and transfer.

Innovation, R&D, sustainable development, international. With more than 20 years experience acquired with the TER (Study and Research Work) including 150 projects per year, the school is responding to changing needs of companies with the "ELEVEN WEEK PROJECTS".

The "ELEVEN WEEK PROJECT" represents an original and pedagogical formula, especially created to help companies collaborating efficiently with HEI engineering students and teacher-researchers.

Created to specifically answer your needs, the "ELEVEN WEEK PROJECT" participates in professionalization of engineering students by giving them the opportunity to reveal themselves to the company, through their creative potential, their know-how and their capacity to work in a team and to undertake and create.

At the crossroads of pedagogy and innovation transfer, endowed with demanding academic and professional dimensions, the "ELEVEN WEEK PROJECT" seals a winning relationship between the company, HEI and its engineering students.

A development project integrated into course work

At the end of the project, depending on the subject, we will provide you specifications, an analysis and synthesis, a desk study, a market analysis, a tutorial, the general framework of a business plan, a back-up for your R&D team, a software tool, a prototype, etc. The "ELEVEN WEEK PROJECT" leads to the writing of a report on the work carried out, and an oral exam before a jury.

Property-confidentiality

Within the context of the "ELEVEN WEEK PROJECT", the school considers that the property results belong to the company. A secrecy clause can be requested by the company so that all work remains confidential (oral exam, publications).

Timeline

The "ELEVEN WEEK PROJECT" lasts 11 weeks. 2 sessions are proposed during the year: a session in fall (starting at the end of September), and a session in winter (starting at the middle of February).

Contribution to costs related to the study

Our input combines engineering students involvement, and expertise of teacher-researchers, dedicated to the supervision of the project. We may also include provision for additional resources (data processing facilities, special material, software, etc.). Your project is submitted to the school and undergoes feasibility analysis, an evaluation of necessary need and, expertise level required, and an estimation of costs linked to the mission.

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