

Internships

2017 / 2018

Internships 170 years of partnerships with companies



High quality training for engineer-entrepreneurs

Since it was founded in 1843, Mines Alès has been working with the business world, in order to provide its students with the best possible educational experience. As a result, many managers from the industrial world take part in courses taught at the school. Many projects are carried out within the school on industrial problems with the support of the School's laboratories, as well as in-company industrial field projects and internships, completed by the students.

Three types of internships

Every year, the students complete a different internship, with a gradually increasing amount of responsibility. The primary objective of these internships is to allow the students to work in a real

company setting for a significant amount of time. The goal is to enable them to acquire the organisational, managerial, and human relations skills which make up the life of a company.

Year 1 - BASIC LEVEL

Objective : Learn more about manual labour, human relations and questions linked to the organisation of work within a company

Duration : 5 weeks starting **2nd July 2018**

Practical Guide for manual labourer internships available on inquiry :

Email : serge.pomme@mines-ales.fr

Year 2 - ASSISTANT ENGINEER

Objective : Take on tasks enabling the student to implement the scientific and technical knowledge acquired or manage a project at a level close to that of an engineer

Duration : 13 weeks starting **7th May 2018**

Year 3 - END OF DEGREE PROJECT

Objective : Develop an engineering project in a particular department's field of research with the aim of taking on managerial and supervisory responsibility while applying the techniques acquired and the "business-specific" knowledge (business engineer, production engineer, R&D engineer, and/or company founder and director)

Duration : 17 weeks starting **12th March 2018**

Academic Company Relations :
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"ENTREPRISES"



Activity areas

The internships can take place in all areas of industrial activity, particularly in those mentioned below. These areas correspond to **the department chosen by students**.

"GC" - CIVIL ENGINEERING AND SUSTAINABLE BUILDINGS

- ▶ Engineering and Construction
- ▶ Building and Energy
- ▶ Engineer Architect

"2ER" - ENVIRONMENT, ENERGY, RISKS

- ▶ Energy and Environment Management
- ▶ Option Risks and Crisis

"ISERM" - SUBSOIL ENGINEERING AND EXPLOITATION OF MINERAL RESOURCES

- ▶ Mineral resources and Exploitation Management
- ▶ Works and Underground spaces

"EMACS" - ENGINEERING AND MANAGEMENT OF COMPLEX SYSTEMS

- ▶ Design and Management of Production Systems
- ▶ Design and Management of Complex Systems - System Engineering
- ▶ Design and Management of Information Systems

"CIGMA" - DESIGN ECO-INNOVATION AND ADVANCED MATERIALS ENGINEERING

- ▶ Innovation Materials and Design
- ▶ Mechatronics



Organisation

All the internships are subject to a three-party Company-School-Student agreement, which specifies in particular the administrative position of the student as well as his or her rights and obligations.

For the entire duration of the internship, the Academic Company Relations remains in close contact with the trainee and the company (arrival report, visit if possible by a representative of the school, etc.)

Students should receive some kind of compensation covering at least their daily costs (transportation, lodging, food), in order

to be free of any material concerns, allowing them therefore to devote themselves entirely to their work in the company. Hence the student is placed in a real professional situation, which is the primary objective of the company internship. A bonus may, of course, be given, according to the services rendered.

The internship report is graded directly by the school. And so, at the end of the internship, the company complete a final evaluation of the student's performance which contributes to the ranking and awarding of his or her degree at Mines Alès.