

Train'ing or Alternate Skills 96



ECTS credits
4 credits

In brief

> **Course language:** French

Presentation

Learning objectives

The content of the training weeks is oriented towards awareness, learning by doing and putting students in situations to enable them to acquire and consolidate the skills expected of a Centrale engineer.

Understand the fundamental principles of interpersonal communication

Understand the diversity of different communication profiles and their characteristics

Experience teamwork

Become aware of socio-environmental and scientific issues

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Description of the programme

The train'ing is a place dedicated to the integration of Centralien engineers' skills, based on three main areas: scientific openness, societal and cultural openness and professional openness.

Concerning scientific openness, scientific activities are offered in connection with the components of the C1 (Scientific and technical innovation) and C2 (Mastery of complexity and systems) skills. These activities are spread out over 3 days (24 hours per student) around a theme by articulating different learning formats (practical work, experiments, visits, projects, workshops, etc).

The professional opening includes workshops for learning and practicing soft skills (agile communication and team management) as well as weeks dedicated to specific activities of the innovation project (ideation week and model realization week) evaluated by a jury.

Finally, the cultural and societal opening allows students to open up to disciplines such as the Humanities, the Arts and various fields of the Humanities and Social Sciences in order to develop their ability to appropriate other languages and to encourage their curiosity and creativity.

In addition, these training activities promote student awareness of major societal and environmental issues. In accordance with the institution's strategic axes, the proposed themes are based on the SDGs

Generic central skills and knowledge targeted in the discipline

The training is the privileged place for the integration of the skills of the Centrale engineer. As such, they are all addressed in the three pillars of training weeks: scientific openness, cultural and societal openness and professional openness.

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How knowledge is tested

The various training activities of the three above-mentioned components are evaluated by continuous assessment. Each week is evaluated. The cultural and societal opening offer is evaluated both by attendance at a minimum number of actions defined at the beginning of the year and by the submission of reports.

Sustainable Development Goal



Access to health



Gender equality



Affordable and clean energy



Responsible consumption and production



Climate action

Total des heures

0h

Useful info